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SEEDS  
AND  
IMPLEMENTS

136 MAIN STREET      PATERSON, N. J.

ESTABLISHED 1835

MONNY BROTHERS

SEEDS  
AND  
IMPLEMENTS

FOR MAIN STREET, NEWTON, MASS.

ESTABLISHED 1838

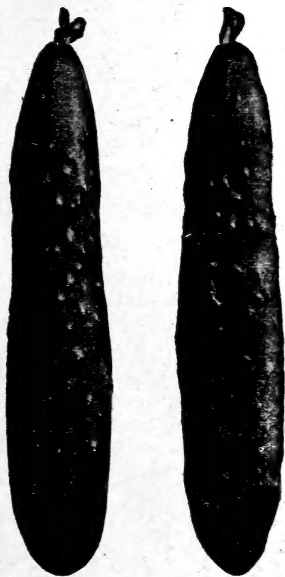


# MUZZY BROTHERS

# NOVELTIES AND SPECIALTIES

## FOR 1912

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CUCUMBER

### CUCUMBER

#### "PERFECTION RIDGE"

(OUR OWN RAISING.)

This, as will be seen by the accompanying illustration, is a greatly improved ridge variety. It has been obtained by crossing Japanese Pole with Telegraph, and fortunately it inherits most of the good qualities of both parents. It is vigorous in growth, free in setting, and has the flavor of the Telegraph Cucumber. The fruits are a pleasing green, moderately spined and handsome in shape, and vary from 12 to 15 inches in length. They are produced with the freedom characteristic of the Japanese Pole Cucumber, but have the length and symmetry of the Telegraph.

The plants also inherit the robust constitution and hardiness of Japanese Pole, and can be grown on ridges, or trained on wires or poles. When grown in either was it will be found a most satisfactory and profitable vari-

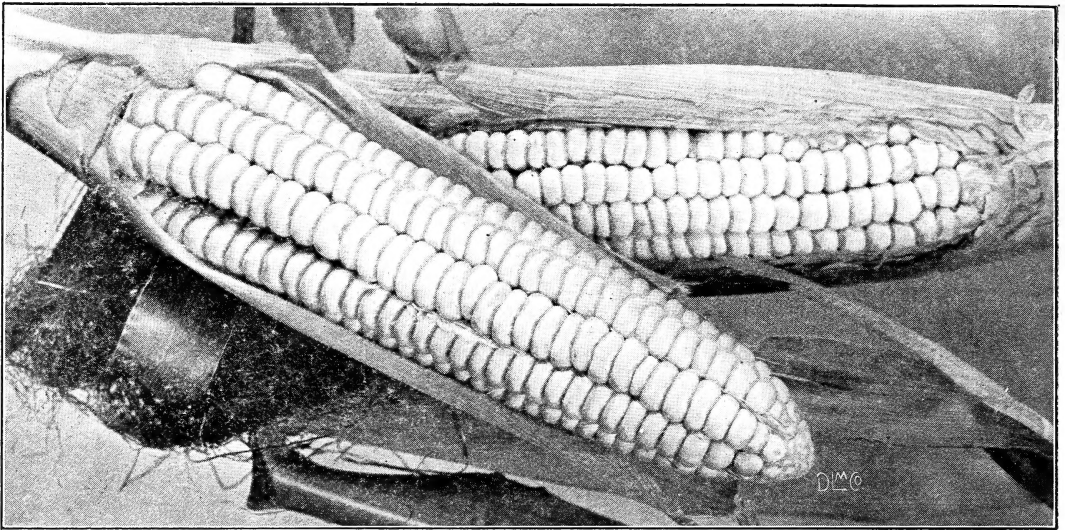
ety. Price 15c Pkg.

## The Great Ismene

(Ismene Calathena Grandiflora)

Those who are familiar with the true Giant Ismene cannot say enough in praise of its beauty and purity. The flowers are of a very large size, like an Amaryllis, novel form and of snowy whiteness, and are also exceedingly fragrant. It is really one of the most lovely of all the great Amaryllis tribe, having a peculiar grandeur which one can appreciate at sight, but cannot describe. Bulbs are large and strong and begin to flower in two or three weeks after planting, sending up tall flower stems, which bear several of its magnificent blossoms.

BULBS 15c



### EXTRA EARLY MAYFLOWER CORN

Extra Early Mayflower Sweet Corn is the earliest of all the Extra Early Sweet Corns; has a large 8 or 10 rowed ear, well filled from tip to butt of the ear with large luscious kernels; in point of productiveness outyields two to one any of the Extra Early varieties. For the market gardeners this is one of the most valuable novelties placed on the market in many years. We cannot recommend this variety too highly to the market gardener or the private planter who wishes to beat out his neighbor by a few days in an extra early corn. Price 10 cts. Package, 30 cts. Pint, 50 cts. Quart.

#### MUZZY EXTRA AMAGAR

##### "Danish Ballhead"

Tall stemmed, head round, white, late, very hard, good for winter keeping. Especially recommended for low, moist and heavy soil.

Oz. 35c  $\frac{1}{4}$  lb. \$1.00 lb. \$3.50

#### MUZZY IMPROVED AMAGAR

##### "Danish Roundhead"

Short stemmed, two weeks earlier than above, head round, large, good for winter keeping. Is especially recommended for high and light soil.

Oz. 35c.  $\frac{1}{4}$  lb. \$1.00 lb. \$3.50





## NASTURTIIUM

**Nasturtium:** (Spencer, David Burpee) New. One of our this years novelties which we can strongly recommend. Its very peculiar wavy emerald green foliage is different from any known variety, (something like the flowers of Germania pansies). The plants grow very compact, and the fine velvety purple scarlet flowers borne on long steels come out extremely workingly upon the magnificent foliage. For bordering purposes the most magnificent sort. From seed comes so to say, fully true. Very recommendable.

PRICE 10 cts. PACKAGE

## PANSY

**Pansy.** English, Finest, First Quality, Extra, exceedingly fine mixture of colors, not only containing the so-called faced variety, but completed by self-colored ones, as black, white, yellow, etc., giving on a whole a remarkably fine display of colors.

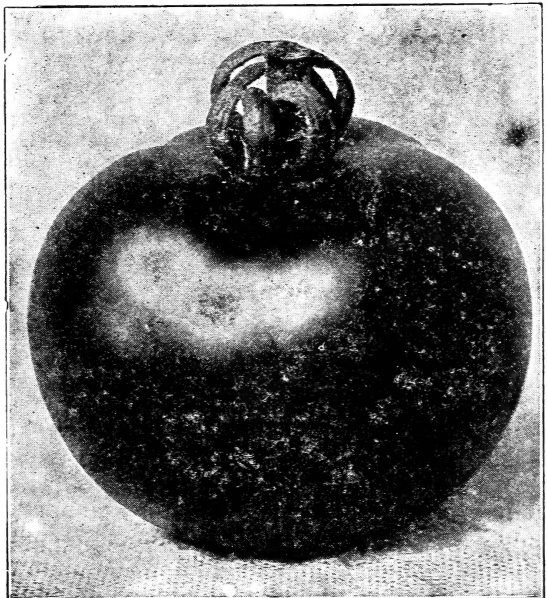
PRICE 10 cts. PACKAGE

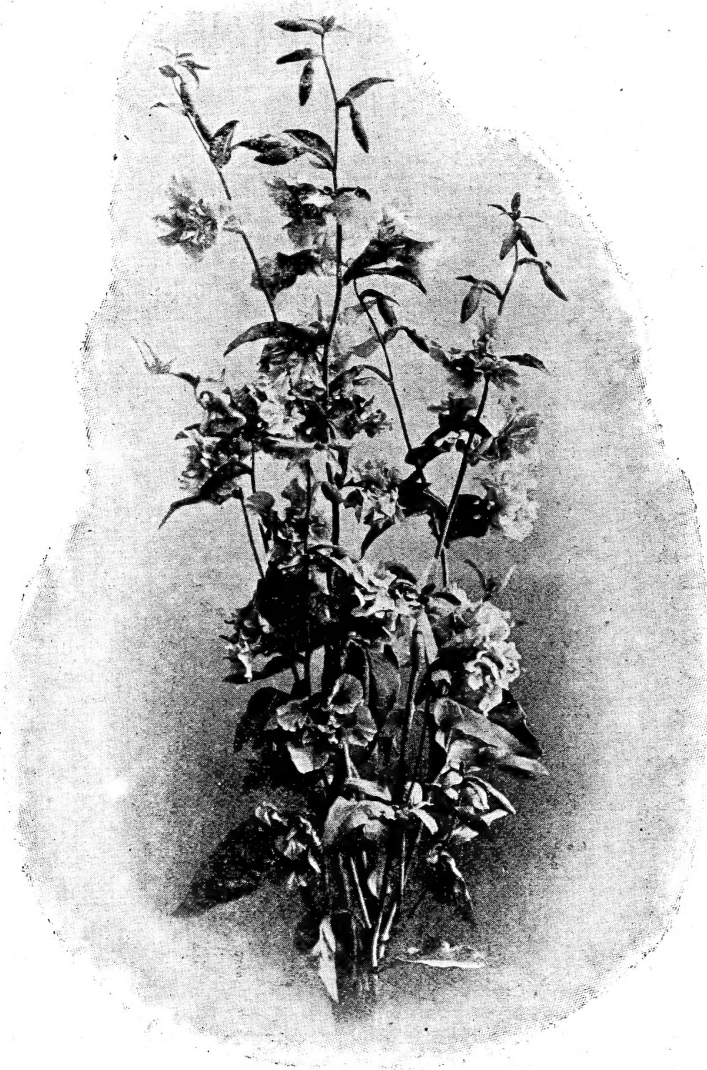
## TOMATO "KONDINE RED"

This new Tomato is the result of a cross between Holmes' Supreme and Lawrenson's No. 3. It has the free setting qualities of both parents, and the dwarf compact habit of the former. The fruit is round, smooth, handsome, of a brilliant red color, and of medium size.

The raiser states that the plant is of exceptionally heavy growth, free from disease, and a very heavy cropper. It has been largely grown in the Channel Islands the past season, and the fruit has invariably fetched top prices.

PRICE 25 cts. PACKAGE





**CLARKIA ELEGANS FL. PL. "VESUVIUS"**

(OUR OWN RAISING)

Very great progress has been made the last two of three years in the selecting of these tall growing varieties of Clarkias. The one we now offer has been raised at our Feltham grounds, and is quite fixed in character.

The colour is an intense orange scarlet shaded salmon, a most lovely and pleasing colour. The plants grow about 2 feet in height, and make a charming plant either for pot culture or open ground. Each plant is of upright habit, and forms quite a pyramid entirely covered with its showy flame-coloured flowers.

We can strongly recommend this variety as a grand addition to the hardy annual section. Package 15 cts.

**Nasturtium.** We have imported direct from Holland some new varieties of nasturtium, both tall and dwarf, in the separate colors, and ivy leaved varieties.

**Ivy Leaved.** Dark Leaved, Fiery scarlet, lacinated flowers. (Tall) Price 25cts. an oz., 10 cts. a package.

**Queen.** A new mixed variety, containing several new hybrids of the Queen Type, of about 6 or 7 new colors. (Tall) Price, 25 cts oz., 10 cts. package.

**Empress of India.** Brilliant, Dark Scarlet, of Dwarfish growth, extra dark leaved. 5 cts. package.

# MUZZY BROTHERS ANNUAL SEED CATALOGUE FOR 1912

## PRICES SUBJECT TO CHANGE

Muzzy Brothers give no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

### ARTICHOKE

German, Artichoke; French, Artichaut; Spanish, Albachofa.

	Per. oz.	¼ lb.	Per. lb.
<b>French Globe</b> .....	\$0 35	\$1 00	\$3 50
The Seeds should be sown early in the spring, in drills an inch and a half deep, and one foot apart. The next spring transplant to permanent beds, in rows or hills three feet apart and two feet between the plants. Plant in a deep rich, moist loam, and the plants should be protected in winter by a covering of leaves or coarse manure. A bed will continue bearing for several years.			
<b>Jerusalem Artichoke, Tubers</b> .....			-qt. 25cts.

### ASPARAGUS

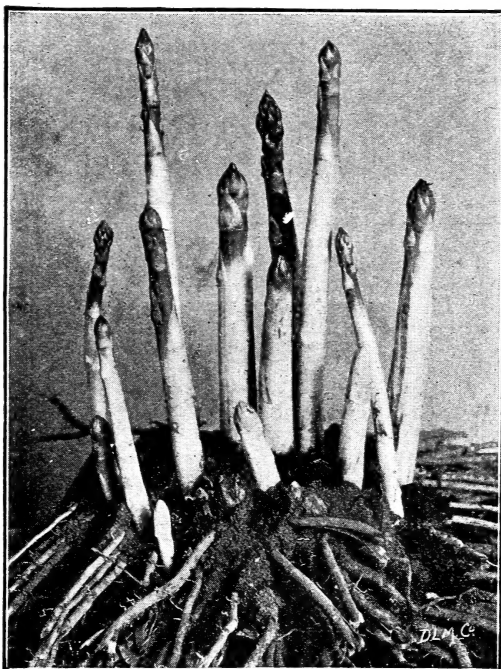
German, Spargel; French, Asperge; Spanish, Esparrago.

	Per oz.	¼ lb.	Per lb.
<b>Columbia, producing pure white shoots</b>	\$0 10	\$0 20	\$0 60
<b>Conover's Colossal</b>	10	20	50
<b>Palmetto, a light green variety</b> .....	10	20	50
	Per 100	Per 1000	
<b>Roots Colossal, 2 yrs.</b>	\$0 90	\$6 00	
“ <b>Palmetto, “ “</b>	90	6 00	
“ <b>Columbia, “ “</b>	90	6 00	

Sow the seeds early in spring, in drills 15 inches apart, and about a dozen to the foot in the drill; keeps the soil mellow and free from weeds during the summer, and in the succeeding spring transplant to permanent beds which should be done in the following manner as described by a cultivator of Oyster Bay Asparagus.

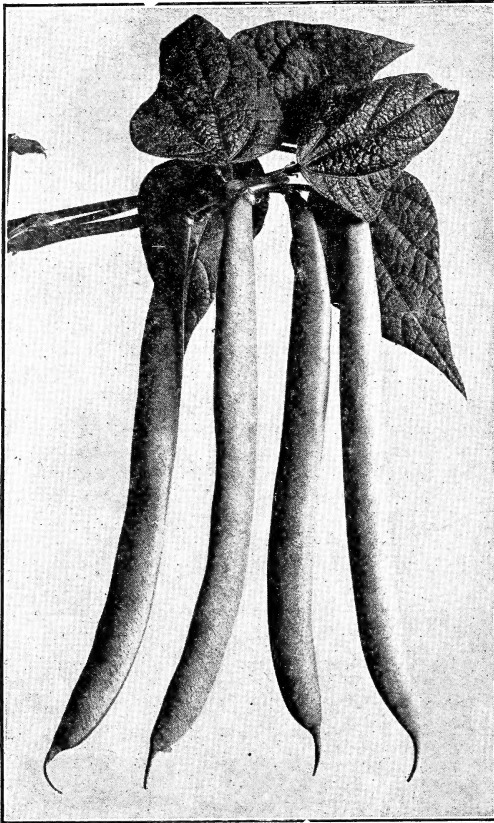
Plant on sandy soil. To grow Asparagus in perfection, the soil need not necessarily be richer than it must be to produce a good crop of Corn. Some experiments have shown that by heavily manuring the crop cannot be made permanently greater than by moderate dressings. It is not desirable to plant them out very early; more plants will fail to grow than when the planting is deferred until the soil is dry and warm.

In planting for private use, set out in rows two feet apart, and allow twelve inches in the row. Set the plants at least six inches below the surface. For market on a large scale, set four feet apart one way and two the other which will allow the use of a horse and cultivator to keep the weeds under.



ASPARAGUS





**BLACK VALENTINE**

	fleshy, extremely crisp and absolutely stringless. Very productive...			
Early Mohawk, very productive and of good quality.....	30	1 00	1 75	6 00
Long Yellow Six-Weeks, early, excellent variety for general crop.....	25	85	1 50	5 00
Fulmers Forcing, fine dwarf forcing variety.....	25	85	1 50	5 00
Extra Early Refugee, similar to late Refugee, pods two weeks earlier.....	25	85	1 50	5 00
Refugee or Thousand to One, very early and prolific. The pods are round and full, stringless and of fine quality.....	25	85	1 50	5 00
Burpee's Bush Lima, beans are large as Large Pole Lima, stout growth, branches vigorously, bearing 50 to 200 large pods well filled with very large beans.....	35	1 25	2 00	7 00
Burpee's Improved Bush Lima, an improved strain of B. B. L., much larger pods and beans, enormously productive; extra early.....	35	1 25	2 25	8 50
Long White Kidney, excellent as a shell bean, green or ripe.....	25	85	1 50	5 50
Fordhook Bush Lima.....	35	1 25	2 25	8 50
White Marrowfa grown for sale in the dry state.....	25	85	1 25	4 50
Golden Refugee, pods round and light color.....	30	1 00	1 75	6 00

**Dwarf Wax Varieties**

Refugee Wax, Stringless, good for early or late, immense yielder...	30	1 00	1 75	6 00
Golden Eyed Wax, very early, prolific, free from rust.....	25	85	1 50	5 00
Round Pod Kidney Wax, same as Wardell's, only round pod.....	35	1 25	2 00	7 00
Wardell's Kidney Wax, extra early, long flat pods, very productive.....	25	1 00	1 50	5 75
Black Wax or Butter Improved, very early and prolific. The pods are round, full, stringless; of very fine quality.....	30	1 00	1 75	6 00
Davis' White Wax, beans pure white pods, yellow, flat, tender, rich Golden Wax. This valuable variety is about ten days earlier than the Black Wax. pods large, long semi-round, brittle, stringless.....	25	1 00	1 75	6 50
Yosemite Mammoth Wax, the largest pods of all wax varieties.....	60			

**BEANS**

German, Gartenbohne; French, Fève de Marais; Spanish, Hava

English or Broad

Per pt. Per qt.

Early Mazagan, prolific, very early.....			Crop doubtful
Broad Windsor.....	\$0 30	\$0 50	
Sword Long Pod.....			Crop doubtful

This class is very hardy and should be planted as soon as the soil is in good state in the spring. Plant four inches apart and two inches deep in drills four feet apart. To insure well filled pods, pinch off the tops as the lower pods begin to set.

**Dwarf Green Podded Snap Beans**

Per qt. ½ pk. pk. bu.

Valentine Black, long, round, green, solid pod, very early. (See Novelties).....	\$0 25	\$0 85	\$1 50	\$5 00
Valentine, Giant Stringless, about seven days later than extra Early Valentine. Slightly curved pods, brittle and stringless; a strong grower and good yielder.....	30	1 00	1 75	6 00
Valentine, Early. Productive, tender and of excellent flavor.....	25	85	1 50	5 00
Livingstone's Round Pod Six Weeks Bean.....	25	85	1 50	5 00
Muzzy's Stringless Green Pod, the best stringless bean grown. Ten days to two wks. earlier than the Valentine; pods full and				

**BEANS-Dwarf Wax Varieties, Continued**

	Per qt.	¼ pk.	pk.	bu.
Hodson Wax, very large, tender, pods stringless, very productive.....	\$0 30	\$1 00	\$1 75	\$6 00
White Wax, stringless. round pods, beans pure white. strong grower.....	35	1 25	2 25	8 50

**BEANS, Pole or Running Varieties**

Challenger Lima. Potato variety, five and six in a pod.....	30	1 00	1 75	6 50
King of Garden Lima. Vigorous in growth and immensely productive, pods large, numerous and well filled and beans of an enormous size. Generally grown for main crop.....	30	1 00	1 75	6 50
New Early Jersey. Very early.....	30	1 00	1 75	6 50
Large White Lima. A greatly esteemed variety.....	30	1 00	1 75	6 00
Kentucky Wonder, or Old Homestead Extra Early. Pods long tender and good flavor, very productive.....	25	85	1 50	5 50
New Lazy Wife. Long green pods, good quality, white beans.....	30	1 00	1 75	6 50
Dutch Case Knife. A very productive variety, one of the earliest.....	30	1 00	1 75	6 00
Horticultural or Speckled Cranberry. A popular variety for private use, equally serviceable in the green state or when shelled.....	30	1 00	1 75	6 00
Scarlet Runner. Beautiful scarlet flowers; for ornamental and table use.....	40			
Black Wax. Pods long thick and fleshy, pale yellow color, waxy appearance, very productive and tender, excellent as a snap or shelled green.....	35	1 25	2 00	7 00
Early Golden Cluster. Bright yellow pods, stringless, in clusters.....	35	1 25	2 25	8 00
Yard Long, French. Pods sometimes grow from 2 to 3 ft. long, are very slender like a pipe stem, should be grown on pea brush. Pkg. 25 cents Very scarce.				

Sow Bush sorts in drills about two feet apart, and drop the beans about three inches apart

in the drill; cover two inches or less for a succession, sow at intervals of two weeks. Lima beans should not be planted until settled weather; make rich hills, four feet apart each way set a pole eight or ten feet high in each; press the beans into the soil eye down, six or eight to each pole, and when they are well up, thin out to four.

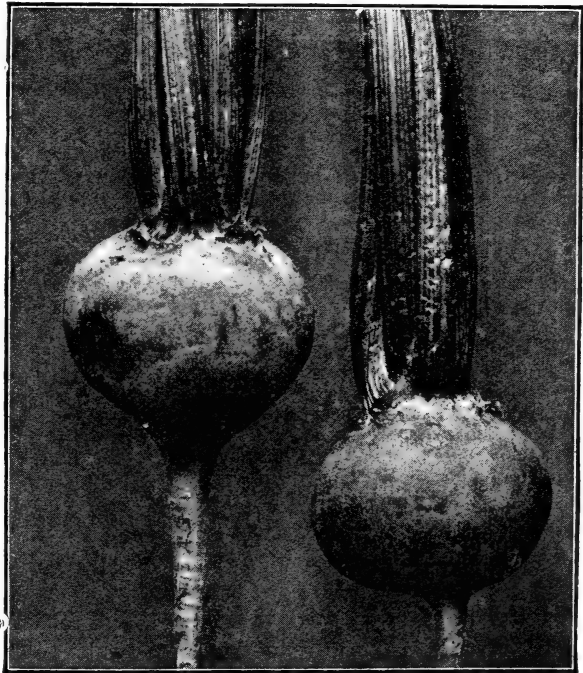
A quart of Limas is sufficient for 75 or 80 hills, and a quart of Bush Beans will sow a row 100 feet long.

**BEETS**

German, Runkelrub; French, Bourrache; Spanish, Remolacha.

**Detroit Dark Red.** A splendid beet for market or home use, of a deep color, tender and of delicate flavor. Per. oz. 15c., ¼ lb. 40c., lb. 1.50.

**Dark Red Egyptian Crosby's.** The earliest beet in cultivation, color deep crimson; of excellent quality. Per. oz. 15c., ¼ lb. 40c., lb. 1.50.



DETROIT DARK RED BEET

	Per. oz.	¼ lb.	Per. lb.
Extra Early Eclipse. Very early good size.....	15	40	1 50
Early Flat Bassano. Chiefly valuable for its earliness.....	15	40	1 50
Early Blood Turnip. Standard early sort, an excellent variety.....	15	40	1 35
Edmand. Market garden variety, uniform shape, dark.....	15	40	1 35
Dewing's Blood Turnip. Of fine form and flavor.....	15	40	1 50
Long Smooth Blood Red. An excellent late variety.....	10	30	90
Swiss Chard. Used for its leaves, which are cooked as spinach.....	10	20	60

## BEETS—Continued

## MANGEL-WURZEL AND SUGAR

Varieties used for feeding stock. Sow 6 lbs. per acre.

	Per oz.	¼ lb.	lb.
<b>Mammoth Red Mangel-Wurzel.</b> Producing roots of mammoth size, very regular, and with a small top. 10 lbs. and over 25c lb. ....	\$0 10	\$0 15	\$0 40
<b>Yellow Globe Mangel-Wurzel.</b> Roots very large and globular. 10 lbs. 25c lb. ....	10	15	40
<b>Long Yellow Mangel-Wurzel.</b> Good for general crop. 10 lbs. 25c lb. ....	10	15	40
<b>Golden Tankard Mangel-Wurzel.</b> A new and very valuable variety of fine form and sweet flavor, bright yellow in color, when cut it shows interior ring, similar to most varieties of garden beet. 10 lbs. 30c lb. ....	10	15	40
<b>White Silesian Sugar Beet.</b> Extensively grown for feeding stock and manufacture of sugar. ....	10	15	40
<b>Vilmorin's Improved Sugar Beet.</b> An improved variety. ....	10	15	40
<b>Lane's Improved Sugar Beet.</b> Improved variety of the French Sugar Beet, obtained by careful selection in this country. 10 lb. 25c lb. ....	10	15	40

A rich, deep open soil is the best suited to the culture of Beets. Fresh manure is undesirable but land that has been well manured the previous year is highly suitable. For an early supply sow in the spring as soon as the ground becomes fit to work, in drills about one foot apart and two inches deep. For main crop sow the first week in May, and for winter use sow in June. When the plants have obtained three or four leaves, thin out, so that they may stand eight or nine inches apart. Keep free from weeds by hand weeding and hoeing. Those intended for winter use may be taken up in October, and stored in dry sand in the cellar or outhouse. Before storing, leaves and fibers must be cut off, but care must be taken not to bruise the main root.

## BORAGE

German, Borritch; French, Bourrache; Spanish, Berraja.

	Per oz.	¼ lb.	lb.
<b>Borage,</b> used as a pot herb; also as a salad, or can be boiled, and also for garnishing, but chiefly required for claret cups and other cooling drinks. Bees are very partial to the flower. ....	\$0 10	\$0 30	\$0 90

## BROCCOLI

German, Spragel Kohl; French, Chou Brocoli; Spanish, Brocoli.

	Per oz.	¼ lb.	lb.
<b>Early White,</b> heads medium size, compact, creamy white color, most certain to head. ....	\$0 30	\$0 85	\$3 00
<b>Purple Cape,</b> differing from the preceding color, greenish purple. ....	35	1 25	4 00
<b>White Cape</b> .....	45	1 50	5 00
<b>Mammoth White</b> .....	35	1 25	4 00

A favorite European vegetable, nearly allied to the Cauliflower, but more hardy and surer to head; the seeds should be sown in this district in the early part of May, and transplanted in June; farther south the sowing should be delayed until June or July, and the transplanting accordingly from August to October. In parts of the country where the thermometer does not fall below 20 or 25 degrees, broccoli may be had in perfection from November until March. It succeeds best in a moist and rather cool atmosphere.

## BRUSSELS SPROUTS

German, Sprossen-Kohl; French; Chou de Bruxells, Spanish, Breza de Brusels.



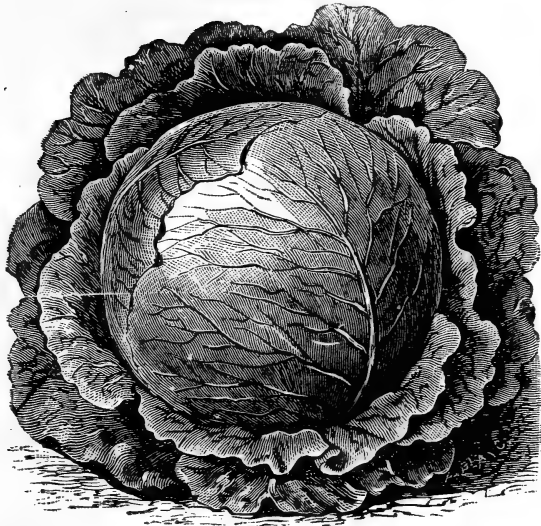
**Improved Seed, (French) half dwarf, oz.**  
20c, ¼ lb. 60c, lb. \$2.00.

**Dalkeith Dwarf Improved,** a variety producing compact sprouts of excellent quality, oz. 20c., ¼ lb. 60c., lb. \$2.00,

A tender, delicious vegetable. The plant grows two or three feet high, and produces from the sides of the stalks numerous little sprouts, one or two inches in diameter, resembling cabbage. The leaves, which look like a Savoy should be broken down in the fall, to give the little cabbages room to grow. They are very tender and sweet after early frosts. Sow early in hot-beds, or in seed-beds in May transplant and cultivate like cabbage.

### CABBAGE

German, Kopfkohl; French, Chou; Spanish, Berza de repollo



	Per oz.	¼lb.	1b.
<b>All Seasons</b> , fine variety, for second early or late growing good size	\$0 20	\$0 60	\$2 00
<b>Early Jersey Wakefield</b> . The leading variety for market, very early of medium size, good quality, sure to head.	30	85	3 00
<b>Early Flat Dutch</b> . This is one of the best early cabbages in cultivation	20	60	2 00
<b>Early Summer</b> . A valuable early sort resembling the Early Flat Dutch	20	60	2 00
<b>Early Winnigstadt</b> . Heads large, one of the best for general use	25	75	2 25
<b>Fottler's Improved Brunswick</b> . This is the very fine second early variety	20	60	2 00
<b>Henderson's Succession</b> . A second early or late variety, a sure header: seeds sown in March produce arge heads in June	35	1 00	3 00
<b>MUZZY EXTRA AMAGAR DANISH BALL-HEAD</b> . Large, round, solid sweet and crisp, sure header. (See Novelties)	35	1 00	3 00
<b>Large Late Drumhead</b> . An excellent fall and winter variety, grows to a large size	25	75	2 50
<b>Large Late Flat Dutch</b> . The most popular variety for late cultivation	20	60	2 00
<b>Red Stone Head</b> . Used almost exclusively for pickling	40	1 25	4 00
<b>Drumhead Savoy (American)</b> . The largest heading sort, of excellent flavor	25	75	2 50
<b>MUZZY IMPROVED AMAGAR DANISH ROUND HEAD</b> . (See Novelties)	35	1 00	3 00

For very early use plant in the autumn from 10th to 25th, September, in a seed bed, and protect in cold frames during the winter, being careful to set them down to the first leaf. Transplant in the following spring, as the soil will admit. For autumn and winter use, plant in seed-bed in May and early part of June, and when six inches high transplant into rich soil, two feet apart each way for the early varieties, and three by two and a half feet for the large winter varieties. To secure the best results, the soil should not be too dry, but should be thoroughly enriched, and the crop should be hoed at least once in ten days. Sow in hotbed early in spring, seed of the early kind for a second crop; also the late varieties for winter use.

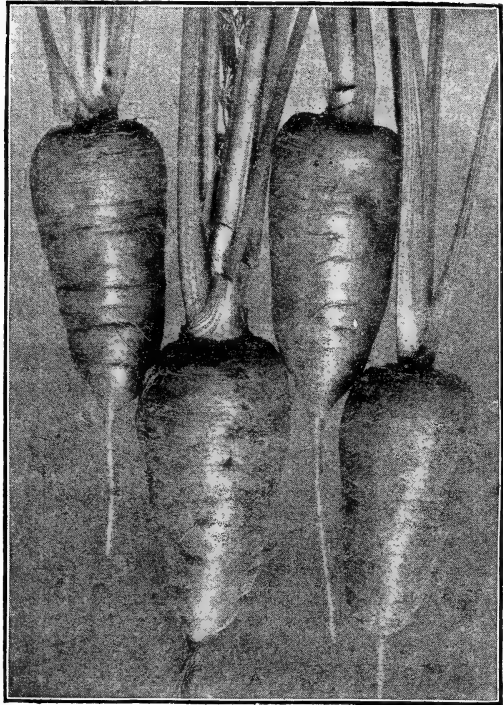
### CARROT

German, Moehren; French, Carotte; Spanish, Zanah.

	Per oz.	¼lb.	1b.
<b>Early French Forcing</b> . The earliest variety, valuable for forcing; root small and of fine flavor	\$0 20	\$0 60	\$2 00
<b>Early Round Parisian</b> . Small for frames or open ground	20	60	2 00
<b>Early Scarlet Horn</b> . Old and favorite sort, much esteemed for early summer	15	50	1 50
<b>Half Long Danvers</b> . A variety intermediate in size and period of maturity between the preceeding and the Long Orange	15	50	1 50
<b>Half Long Stump Rooted Chantenay</b> . Like Nantes, broader shoulder	15	50	1 50
<b>Half Long Pointed</b>	15	50	1 50
<b>Half Long Stump Guarande or Oxheart</b>	15	50	1 50
<b>Half Long Stump Nantes</b>	20	60	2 00
<b>Carentan</b> . A new early variety without core. It is an excellent sort for forcing, or used as an early kind for planting in the open ground	20	60	2 00
<b>Long Orange Improved</b> . Roots of large size, equally adapted for garden or farm culture	15	50	1 50
<b>Large White Belgian</b> . Grown almost exclusively for stock	10	20	60

**CARROT—Continued.**

The Carrot, like other root crops, delights in a sandy loam, deeply tilled. It should never be sown on newly manured ground as forked roots are sure to be the result. It is best to sow on ground that has been well manured the previous year for some other crop such as celery, Potatoes, Onions or Peas, but avoid such crop as Cabbage and Turnips, or any of the tap rooted sections. For early or main crops sow the latter part of April; for later crops, they may be sown any time until the beginning of June. Sow in rows about 15 inches apart and half an inch deep, thinning out to three or four inches between the plants.



DANVERS CARROT



CELERIAC

**CELERIAC**

**TURNIP ROOTED CELERY**

German, Knob-Celeri; French Celeri Rave.

**Erfurt.** For soups. oz. 15c.  $\frac{1}{4}$ lb. 50c. lb. 1.50.

**Giant Prague.** For soups, etc. When sliced and cooked makes good winter salad. oz. 15c.  $\frac{1}{4}$ lb. 50c. lb. 1.50.

**Apple.** Small foliage. oz. 15c.  $\frac{1}{4}$ lb. 50c. lb. 1.50.

**CAULIFLOWER**

German, Blumen-Kohl; French, Chou-fleur; Spanish, Coliflor.

	Per pkt.	oz.	$\frac{1}{4}$ lb.	lb.
Extra Early Dwarf Erfurt. Short stem; fine	\$0 25	\$2 25		
Extra Early Paris. This is one of the earliest and best varieties, heads large, white and compact, of fine quality	10	60	\$2 00	\$7 00
Early Snowball. Admirably for forcing, very solid, pure white heads	25	2 25		
Large Early Dwarf Erfurt. The earliest and best of all varieties	50	5 00		

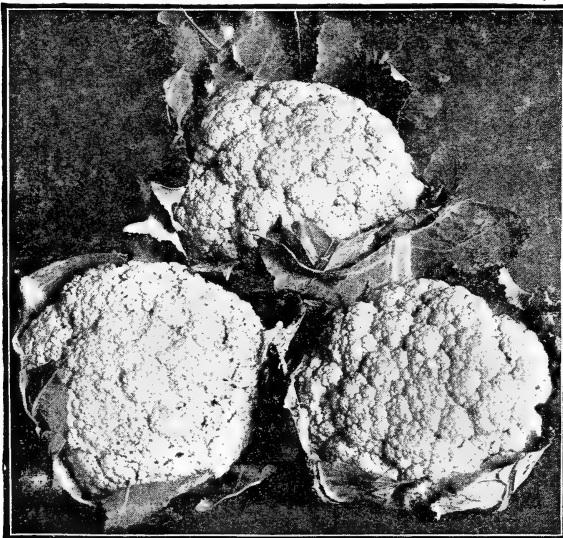
**Lenormand's Short-Stemmed.** A late variety, producing very large well-formed heads of superior quality. Pkt, 10c., oz. 50c.,  $\frac{1}{4}$ lb. 1.75, lb. 6.00.

**Algiers.** Popular late variety, sure to head, excellent for market. Pkt. 10c., oz. 60c.,  $\frac{1}{4}$ lb. 2.00, lb. 7.00.

**Early London.** Pkt. 5c., oz. 30c.,  $\frac{1}{4}$ lb. 1.00, lb. 3.50.

**DENMARK, Special Large Late.** Very fine variety, large white compact heads, necessary that distance between plants be greater than other varieties, Pkt. 20c, oz. 1.00,  $\frac{1}{4}$ lb. 2.00. (See novelties.)

Cauliflower delights in rich, moist soil and in dry seasons should be abundantly watered. The seeds may be sown in September and wintered over in the same manner as described for early cabbage. Where this is not practicable, it may be had nearly as well by sowing the seed in the hot-bed in January or February and transplanting the plants at two or three inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open



DENMARK SPECIAL LARGE



**CAULIFLOWER—Continued**

ground, which in this latitude, is usually from the 15th of March to the 10th of April. If properly hardened off, they are seldom injured by being planted out too early.

**CELERY**

German, Celeri; French, Celerei; Spanish, Apih.

	Per oz.	$\frac{1}{4}$ lb.	lb.
Johnson's Manhattan ..... pkt. 15c	\$0 50	\$1 25	
Thorburn's Fin de Siecle .....	20	60	\$2 00
Rose Ribbed Self Blanching. A sort of golden Self-Blanching; very choice	35	1 00	3 50
Evans' New Triumph. Solid and crisp, fine nutty flavor .....	20	55	1 75
Giant Pascal. Stalks very large, thick and crisp .....	20	60	2 00
Golden Self-Blanching. Similar to White Plume; much larger in growth ..	45	1 50	5 00
Large Ribbed Kalamazoo. Half dwarf White, solid .....	15	50	1 50
White Plume. Requires very little banking .....	25	75	2 50
Pink Plume. Similar to White Plumè, stalks tinged with pink, good keeper	25	75	2 50
Perle Le Grande. Full Golden Heart, good keeper .....	20	60	2 00
Sandringham Dwarf White, Soup Celery. An imported variety of fine flav or; soup greens .....	10	30	1 00
Boston Market. An excellent dwarf, growing white variety .....	20	50	1 75
Covent Garden Rose. Pink variety, good flavor .....	25	75	2 50
Celery Seed for Flavoring .....	05	10	35

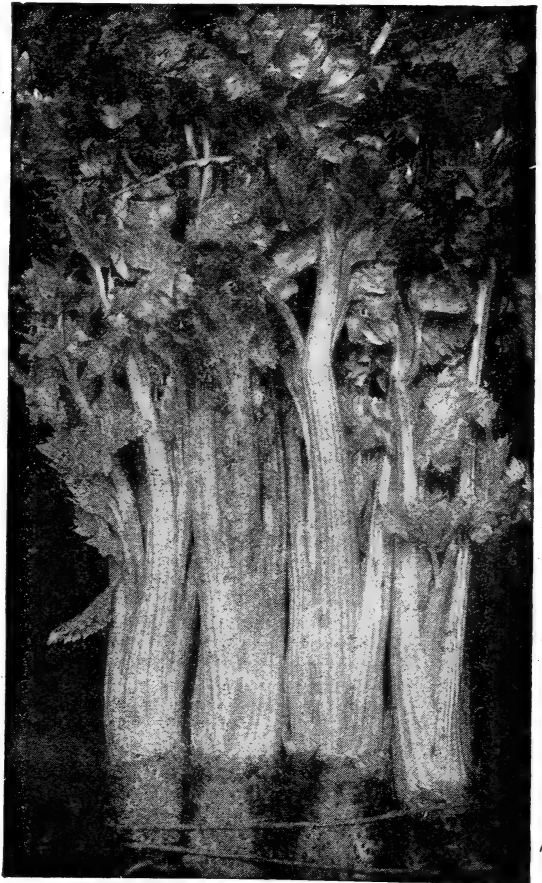
The seeds may be sown in the open ground in April, as soon as the ground can be nicely worked. Sow about half an inch deep, and be careful to firmly press the soil over the seed; this should be done by treading over the rows with the feet after sowing; this prevents the air drying up the seed, which thereby loses its vitality and fails to germinate. Many valuable crops are annually lost by inattention to this important particular. After the seed is up, keep carefully clear of weeds until the time of planting June and July; the crops may be shorn off once or twice before planting; this makes them "stocky" and they suffer less in being transplanted. After the ground has been well prepared, plant in rows from three to four feet apart, according to the variety, setting the plants about six inches apart and pressing the soil firmly about the roots.

**CHERVIL**

German, Bisenlauch; French, Cerfeuil;  
Spanish, Cerafolio

	Per oz.	$\frac{1}{4}$ lb.	lb.
Curled .....	\$0 10	\$0 30	\$1 00
Common or Tuberos Rooted .....	10	25	75

The young leaves are used in soups and salads. Sow thinly in May, in drills half an inch deep, one foot apart.



JOHNSON MANHATTAN

### CHICORY

German, Chicorie; French, Chicoree Saur; Spanish, Escarola.

Per oz.    ¼ lb.    lb.

<b>Common.</b> This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June the roots are transplanted in autumn into sand in a cellar; the shoots which will come up soon from the "Barbe de Capucin" .....	\$0 20	\$0 50	\$1 50
<b>Large Rooted.</b> Used to mix with or a substitute for coffee. Cultivation same as the carrot.....	10	35	1 00
<b>Witloof or French Endive.</b> See endive.....	20	60	2 00



WITLOOF CHICORY

### CRESS

German, Kress; French, Cressen; Spanish, Mastueroz.

<b>Curled Cress or Peppergrass</b> .....	10	20	50
<b>Water Cress</b> .....	35	1 00	3 50

Are excellent for small salads; the leaves while young have a warm, pungent taste. They can be used alone or mixed with Lettuce, Mustard, or other salad plants. Sow thickly at frequent intervals for succession, and treat in the same manner as Mustard.

### CORN SALAD OR FETTICUS

German, Ackersalat; French, Mache; Spanish, Macha Valeneanilla



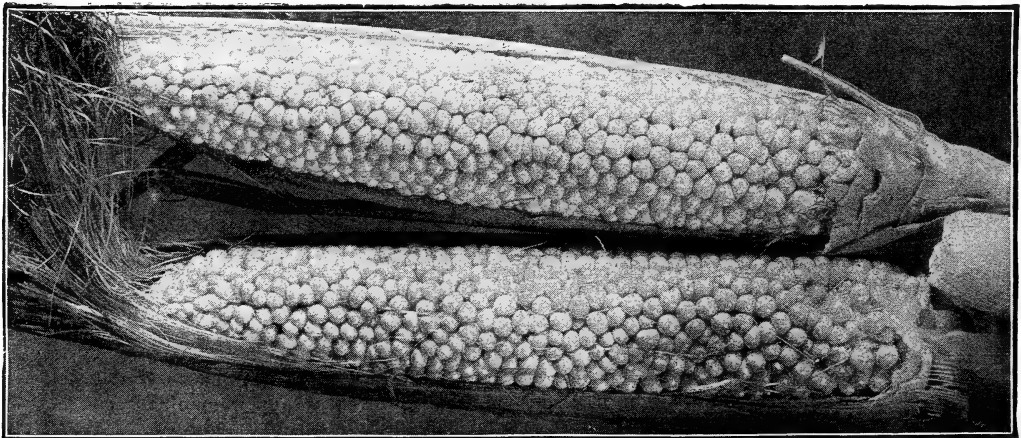
CORN SALAD

<b>Large Seeded</b> .....	Per oz.	¼ lb.	lb.
<b>Lettuce Leaved</b> .....	\$1 10	\$0 25	\$0 75
<b>Small Seeded</b> .....	10	30	85
	10	25	75

Corn Salad, Feticus or Lambs Lettuce is used to a considerable extent as a salad. It is sown on the first opening of spring in rows one foot apart and is fit for use in six to eight weeks from the time of sowing. If wanted to come out early in spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in and is wintered over the same way as Spinach.

### CORN---Sweet

German, Zucker Welshkorn; French, Maise de Sucre; Spanish, Maiz de Azucar



FOUTERS EARLY SWEET CORN

CORN—Continued

EXTRA EARLY VARIETIES

	Per ear	100 ears.	qt.	½pk.	pk.	bu.
<b>Mayflower Extra Early.</b> Earliest of all the Extra Early sweet corn. See Novelties. Pkg 10c., Pt. 30c., Qt. 50c.						
<b>Golden Bantam Extra Early.</b> Yellow, very sweet and tender			\$0 30	\$1 00	\$1 75	\$6 00
<b>Early White Cory.</b> Earliest grown, fit for use 60 days after planting. Very sweet, good size, white cobs.	\$0 05	\$3 50	25	75	1 25	4 00
<b>Mammoth White Cory.</b> Ears double size of the old Cory			25	75	1 25	4 50
<b>Perry's Hybrid.</b> Very early and of large size; extra early	05	3 50	25	75	1 25	4 00
<b>Early Minnesota.</b> Very early; ears fairly sized and uniform, plants rather dwarf; one of the best early kinds; extra early	05	3 50	25	75	1 25	4 00

SECOND EARLY OR INTERMEDIATE

<b>Early Champion.</b> Large ears, very sweet and productive. The earliest large sort grown and fine for either home or market use	05	3 75	25	75	1 25	4 50
<b>Early Mammoth.</b> Large and not very late; general crop.	05	3 50	25	75	1 25	4 00
<b>Crosby's Early Sugar.</b> Early sorts; ears short, from 12 to 16 rows, second early	05	3 75	25	75	1 25	4 00
<b>Moore's Early Concord.</b> Ears large and well filled from 12 to 20 rows; second early	05	4 00	25	75	1 25	4 00
<b>Early Evergreen.</b> A second early variety, resembling Evergreen; general crop	05	3 75	25	75	1 25	4 00
<b>Stablers Early.</b> Large and for second early	05	4 00	25	75	1 25	4 00
<b>Foltlers Early.</b> Excellent, medium early, large size, sweet	05	4 00	25	75	1 25	4 00
<b>Black Mexican.</b> One of the sweetest varieties			25	75	1 25	4 50

GENERAL CROP AND LATE

<b>Stowell's Evergreen.</b> A late variety, of excellent quality, remaining longer in the green state than any other; general crop	05	4 00	25	75	1 25	4 00
<b>Hickox Improved.</b> A new variety of superior excellence is 12 rowed, straight and handsome; a superior market kind; general crop	05	4 00	25	75	1 25	4 00
<b>Mammoth Sugar.</b> A late variety of large size, very sweet and immensely productive. A leading variety.	05	4 00	25	75	1 25	4 00
<b>Country Gentleman.</b> The sweetest and most tender of all sweet corn, late crop	05	4 00	25	75	1 25	4 50
<b>Moonachi or Sugar.</b> Tender, sweet and productive; general crop	05	4 00	25	85	1 50	4 50
<b>Sweet Fodder.</b> For ensilage			20	60	1 00	3 00

Sweet corn may be either sown in rows, four and a half feet apart, and the seeds planted at about eight inches in rows, or planted in the hills, at distances of three or four feet each way, according to the variety grown, or the richness of the soil in which it is planted. The taller the variety or the richer the soil, the greater should be the distances apart. The first plantings in this vicinity are made about the middle of May, and successive plantings every two or three weeks until the first week in July. In more southern latitudes planting is begun a month earlier and continues a month later.

FIELD CORN

	Qt.	Per	Bush.
	shelled	100 ears	shelled
<b>Mastodon Dent.</b> Very early strong growing	\$0 15	\$2 50	\$2 00
<b>Pride of the North.</b> (Dent) very early	15	2 00	2 00
<b>Leamings Yellow.</b> (Dent) early	15	2 00	2 00
<b>Champion White Pearl</b>	15	2 00	2 00
<b>Early Canada.</b> Yellow kernels	20	2 00	2 25
<b>Large Yellow Flint</b>	20	2 00	2 25
<b>Large White Flint</b>	20	2 00	2 25
<b>Chester County Mammoth.</b> Large, late yellow dent	20	2 50	2 50
<b>Southern Horse Tooth.</b> For fodder		(Market price)	
<b>Sweet Fodder.</b>	20		3 00
<b>Pop Corn</b>		Per lb. 12c.	100 lbs. 7 50

## CUCUMBER

German, Gurker; French, Concombres; Spanish, Pepino.

**Perfection Ridge, New, Extra Long.** See Novelties. 15c Pkg.

	Per oz.	¼ lb.	lb.
<b>Cumberland.</b> The best pickling sort yet introduced, very handsome and productive, flesh fine but very crisp and tender	\$0 15	\$0 30	\$1 00
<b>Fordhook Pickling.</b> Prolific, medium size, skin thick	10	25	80
<b>Davis Perfect.</b> For forcing or outdoors, long and straight, valuable for slicing	15	30	1 00
<b>Cool and Crisp.</b> Very prolific; good for pickling and productive	15	30	1 00
<b>Thorburn's Everbearing.</b> Small size; very early	10	25	80
<b>Japanese Climbing.</b> Can be trained on trellis, or grown on the ground. Skin smooth, dark green; flesh pure white, crisp and mild flavor	15	30	1 00
<b>Nichols Medium Green.</b> A valuable and handsome variety, in shape between White Spine and Long Green, an excellent sort for pickles and useful for forcing. Very prolific, fruit straight and smooth, color dark green fresh, tender and crisp	10	30	1 00
<b>Improved Early White Spine.</b> The best table variety; grows uniformly straight and smooth; dark green; tender and excellent flavored	15	30	1 00
<b>Peerless White Spine.</b> A new variety of the preceding; average length 10 inches; full at both ends; deep green, holding color until mature	15	30	1 00
<b>Tailby's Hybrid.</b> A cross between the Early White Spine and the English Frame variety, combining the hardness of the first with the beauty and size of the latter	15	30	1 00
<b>Early Green Cluster.</b> A short, prickly, slender variety, bearing in clusters near the root. It is a great bearer	10	25	80
<b>Early Short Green.</b> The standard for pickling, medium size, straight and handsome. It makes a beautiful pickle that keeps well	10	25	80
<b>Long Green.</b> A very excellent variety; a good bearer; about a foot in length rather pointed at both ends; dark green, firm and crisp	15	30	1 00
<b>Green Prolific Pickling.</b> Very prolific; and said by those who have tested it equally desirable as a market cucumber	15	30	1 00
<b>West Indian Gherkin or Burr.</b> A very small oval shaped prickly variety. It is grown exclusively for pickling, and should always be pickled when young and tender	20	50	1 50



DAVIS PERFECT CUCUMBER

November, December or January, according to the time they are wanted for market.

Cucumbers succeed best in warm, moist, rich loamy ground. They should not be planted in the open air until there is a prospect of settled warm weather. Plant in hills about four feet apart each way. The hills should be previously prepared by mixing thoroughly with the soil in each a shovelful of well rotted manure. When all danger from insects is past, thin out the plants, leaving three or four of the strongest to each hill.

**English Frame Cucumber.**— Per pkt. 25. Improved Sion House, Telegraph, Giant of Arnstadt, Juke of Edinburgh, Gen. Grant, Long Gun, Crater's Tender and True, Swan Neck, Blue Gown.

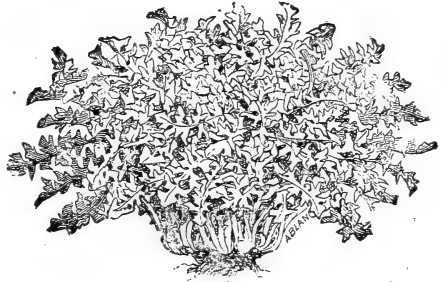
These varieties are for growing in hot-beds, or in hot-houses particularly constructed for forcing, so that a supply can be furnished during the winter months, at which time the prices are very remunerative. Sow seeds in

**DANDELION**

German, Pardelblume; French, Pisse en-lit; Spanish, Armagon.

	Per oz.	¼lb.	lb.
Thick Leaved .....	\$0 35	\$1 00	\$3 50
Best French .....	10	30	1 00
Montmagny .....	30	85	3 00

The Dandelion is much used for spring salads and resembles Endive. Sow the seed in May or June in drills half an inch deep and 12 inches apart. The plants will be ready for use the following spring.

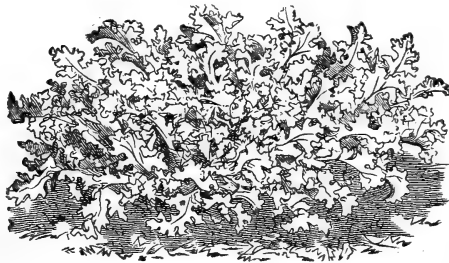


DANDELION

**ENDIVE OR CHICORY**

German, Ende vien; French, Chicoree; Spanish, Endivia.

	Per oz.	¼lb.	lb.
Green Curled Winter. Very hardy; leaves dark green tender and crisp.....	\$0 15	\$0 30	\$1 00
Broad-Leaved Batavian. (Escarolle), chiefly used in soups and stews; requires to be tied up for blanching.....	15	30	1 00
Early White Curled. (Self Blanching), the best variety; grows to large size; very large and tender.....	15	30	1 00
Moss Curled Early Summer. Used for salads as winter varieties.....	15	30	1 00
Witloff or French Endive. New.....	20	60	2 00



GREEN CURLED ENDIVE

Endive is one of the best salads for fall and winter use. Sow for an early supply about the middle of April. As it is used mostly in the fall months, the main sowings are made in June and July, from which plantations are formed at one foot apart each way in August and September. It requires no special soil or manure, and after planting, is kept clear of weeds until the plant has attained its full size, when the process of blanching begins. This is affected by covering up the plants as they grow, with slats or boards, which serves the purpose of excluding the light and air.

**EGG PLANT**

German, Eier Pflanz; French, Aubergine; Spanish, Bereinfiena.

	Per oz.	¼lb.	lb.
Pearl White. Very fine grain and well flavored.....	\$0 25	\$0 75	\$2 50
New York Improved. Superior market variety of large size and fine quality.....	35	1 00	3 50
Black Beauty Tendage. Earlier than New York Improved and as large, purplish black.....	40	1 25	4 00
Early Dwarf Purple. Medium size.....	35	1 00	3 50
Black Pekin. A fine variety, bearing large round, deep purple fruits, fine grained and of superior quality.....	30	90	3 25

The Egg Plant is a tender vegetable, and must not be planted out until the weather is warm and settled. Sow early in spring in hot-beds, or if they are not convenient, sufficient plants may be raised for a small garden by sewing a few seeds in common flower pots or in boxes in the house. Plant out early in June from two to three feet apart.



NEW YORK EGG PLANT

**SEA-KALE**

German, Seekohl; French, Crambe Maritimee; Spanish, Berton de Mar

Sea-Kale Seeds. Very much like Celery..... Per oz. 25c. ¼lb. 75c. lb. \$2 50

Cultivate for its blanched shoots, which are cooked in the same way as Asparagus. A supply may be had all winter by planting the roots closely in warm cellar before frost. Sow one inch deep in drills two feet apart; thin out to six inches, and the next spring plant in hills three feet apart, three plants in each.



**KALE**

German, Blatter-Kohl; French, Chou Vert; Spanish, Breton.

Per oz. ¼ lb. lb.

**Siberian German Greens or "Sprouts."** This Variety is extensively used for early greens for which it is sown in the fall in rows one foot apart and treated in the same manner as Spinach; it is ready for use in early spring. Sowing can also be made in spring.

\$0 10 \$0 20 \$0 60

**Dwarf Green Curled Scotch.** A beautifully fringed dwarf growing kind, with bright green leaves

10 30 90

**Tall Green Curled Scotch.** Tall growing, very hardy variety, leaves a bright green, beautifully curled

10 30 90

**Tall Brown German Curled.** A very hardy and useful variety

10 30 90

**Dwarf Brown German Curled**

10 30 90



KALE

Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow early in the spring, in prepared beds, covering the seeds thinly and evenly; transplant in June and treat in the same manner as for cabbage. Of all the cabbage tribe, this is the most tender and delicate and would be much more extensively grown than it is, if its excellent qualities were generally known. The varieties are all extremely hardy, and are best when touched by frost.

**KOHL-RABI**

German, Kohl-Rabi; French, Chou Rave; Spanish, Colinabo.

Per oz. ¼ lb. lb.

**Early White Vienna.** Flesh white and tender; best market sort; good for table use.

0 20 \$0 60 \$1 75

**Early Purple Vienna.** Differing from the above in color, which is of a bluish purple.

20 60 2 00

**Large White or Green.** Large ball, not so fine, but more productive

10 35 1 25



EARLY VIENNA, KOHL-RABI

Kohl-Rabi or Turnip stemmed Cabbage, is a vegetable that is not so much cultivated as it deserves to be.

The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is covered with leaves. The edible part is the bulb, which is dressed and served like turnip; and is very delicate and tender when young. It is very hardy, withstands severe draught, and is a good keeper. Cultivate the same as Cabbage, but in hoeing be careful not to throw dirt into the heart of the plant, or the bulb cannot form.

**LEEK**

German, Lauch; French, Poireau; Spanish, Puerro.

Per oz. ¼ lb. lb.

**Large American Flag.**

The kind mostly grown for market. \$0 20 \$0 60 \$2 00

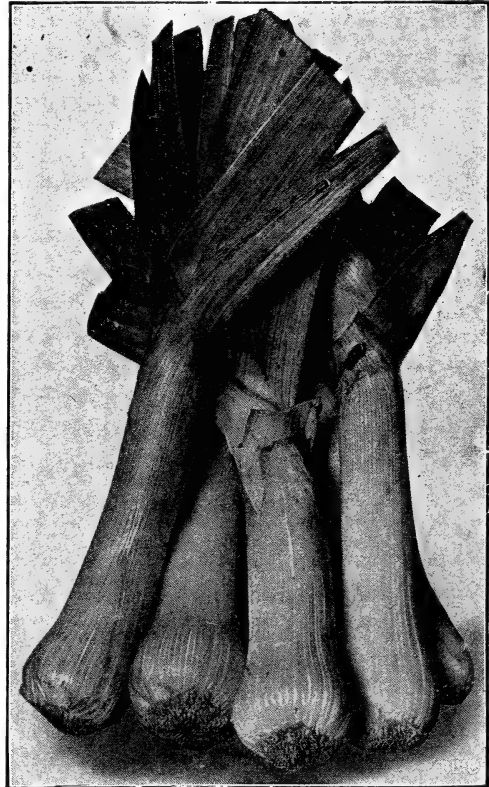
**Large Carenten.** A large growing French variety of excellent quality

20 60 2 00

**Large Rouen.** Very large and fine

20 60 2 00

The Leek is very hardy and easily cultivated; it succeeds best in a light, but well enriched soil. Sow as early in the spring as practicable, in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way, as deep as possible; that the neck, being covered, may be blanched. If fine leeks are desired, the ground can hardly be made too rich.



AMERICAN FLAG LEEK



### MAY KING LETTUCE

German, Laitick; French, Laitue; Spanish, Lechuga.

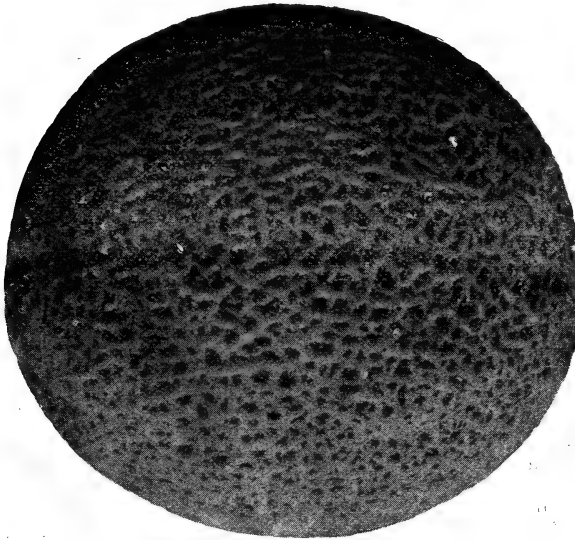
	Per oz.	¼lb.	1lb.
<b>MAY KING LETTUCE.</b> Very early, sure header, solid, good flavor (See Novelties)	\$0 20	\$0 50	\$1 50
<b>The Holyrood Hot Weather Lettuce</b> .....	40	1 25	
<b>Thorburn's Market Garden.</b> Private stock solid, large heads.....	20	50	1 50
<b>Thorburn's Maximum.</b> Large and solid heads, heat resisting.....	20	55	1 75
<b>Selected Buttercup.</b> Yellow, solid heads for outdoor forcing.....	20	55	1 75
<b>Big Boston.</b> Similar to Boston Market, double this size.....	20	50	1 50
<b>Grand Rapids Forcing.</b> Large tender heads.....	15	35	1 25
<b>Early Curled Simpson.</b> Very early and an excellent sort for forcing; is largely grown by the market gardeners.....	15	35	1 25
<b>American Gathering.</b> Twisted and curled leaves, fine for early or late.....	10	30	90
<b>Deacon.</b> This magnificent Lettuce stands hot weather better than any other Butter variety. Large, firm heads of creamy white and rich flavor.....	15	35	1 00
<b>Denver Market.</b> For forcing or open ground; large solid heads.....	15	35	1 00
<b>Tennis Ball.</b> (Black seeded), well formed heads hardy and crisp, one of the earliest of heading varieties.....	15	35	1 25
<b>Tennis Ball, or Boston.</b> (White seeded), grows very compact, white and crisp, one of the best for forcing or the open ground.....	15	35	1 25
<b>Salamander Head.</b> Fine compact head, resists heat.....	15	35	1 25
<b>Black-Seeded Butter.</b> Fine market strain.....	15	35	1 25
<b>Large White Cabbage.</b> Excellent for summer; heads of good size.....	15	35	1 25
<b>Black Seeded Simpson.</b> Stands the summer well.....	15	35	1 25
<b>Gray Seeded Butter.</b> One of the best large heads.....	15	35	1 25
<b>Shotwell's Brown Head.</b> Large and handsome; heads hardy; standing summer heat without injury.....	20	50	1 50
<b>Boston Market.</b> Large solid heads, very fine for forcing, and of fine flavor.....	20	50	1 50
<b>ROMAINE OR COS VARIETIES</b>			
<b>Trianon Cos.</b> The best of the Cos variety.....	20	50	1 50
<b>White Paris Cos (Romaine).</b> Sow early; tie up to blanch.....	15	35	1 25
<b>Golden Yellow Cos.</b> Long standing, large solid heads, crisp and tender.....	20	60	2 00

Lettuce is the most popular of all salads. Boiled, is quite equal to Spinach; and it is also sometimes used in soups. It is easy of cultivation, but likes a good rich soil. For early use, sow Simpson and Tennis Ball under glass in February and March and transplant as soon as the ground can be worked. Later sowings may be made in the open ground for successions as long as the weather permits; thin out well or the plants will be weak, and set in rows two feet apart and eight inches between the plants. The best early plants are obtained by sowing in the open ground in September, and transplanting to cold frames the latter part of October, being wintered over in the same manner as early Cabbage. Lettuce requires good ground and abundant moisture.

## MELON, MUSK

German, Melone; French, Melon; Spanish, Melon Muscatel.

	Per oz.	1/4 lb.	1 lb.
<b>POLLOCK.</b> (See Novelties.)	\$0 25	\$0 60	\$2 00
<b>Johnson's Dreamwold.</b> Pkt. 10c.	30	75	
<b>Paul Rose.</b> Handsome, oval orange flesh, sweet	15	35	1 25
<b>Long Island Beauty.</b> Similar to Hackensack; very early	15	35	1 25
<b>Millers Cream of Osage.</b> Flesh a salmon color and very thick	20	50	1 50
<b>Golden Netted Gem.</b> Early, round, small, fine flavor	10	30	1 00
<b>Hackensack.</b> Variety of Green Citron, well known among the New York market gardeners, grows to a very large size, productive, exquisite flavor	15	35	1 25
<b>Montreal Market.</b> Green flesh, very thick; fine flavor	15	35	1 25
<b>Long Yellow Cantalope.</b> Yellow flesh, suitable for the market	15	35	1 00
<b>Baltimore Market.</b> Oblong; orange flesh	15	35	1 25
<b>Jennie Lind.</b> A very early kind, of small size, but delicious flavor	15	35	1 25
<b>White Japan.</b> Size medium and nearly round; skin cream white and very thin; flesh pale green; early and sweet	20	60	2 00
<b>Rocky Ford.</b> Very sweet; spicy flavored, small and oblong, most popular sort.	10	30	1 00



POLLOCK MUSK MELON

Melons thrive best in a moderately enriched live soil: the hills should be six feet apart each way. Previous to planting incorporate well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure; plant twelve or fifteen seeds in each hill early in May, and when well up, thin out three or four of the most promising. Pinch off the leading shoots as the growth becomes too luxuriant, and if the fruit sets too numerously thin out when young, which will increase the size of those remaining, and cause them to ripen quicker.

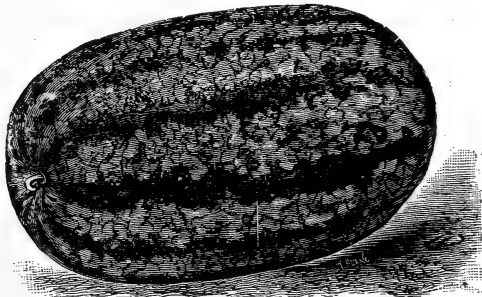
## MELON, WATER

German, Wassermelone; French, Melon d' Eau; Spanish, Zaudia

	Per oz.	1/4 lb.	1 lb.
<b>Kolb's Gem.</b> Nearly round, dark green	\$0 10	\$0 25	\$0 75
<b>Seminole.</b> A new early variety. Long, striped sort	10	25	75
<b>Pride of Georgia.</b> Dark green, oval in shape; crisp and sweet; very large	10	25	75
<b>Mountain Sweet.</b> One of the very best for culture; color dark green; and rind thin; flesh scarlet; solid, very sweet and delicious	10	25	75
<b>Black Spanish.</b> Shape round, rather small; skin dark green, flesh red, sweet, rich	10	25	75
<b>Phinney's Early.</b> Flesh deep red, of a very superior quality; a valuable early market variety	10	25	75
<b>Cuban Queen.</b> Solid and heavy	10	25	75
<b>Ice Cream.</b> (White seeded), fruit of medium size, nearly round; skin pale green; rind thin; flesh scarlet, solid crisp, excellent	10	25	75

MELON, WATER—Continued

	Per oz.	¼ lb.	lb.
Rattlesnake. Very large, striped, red flesh variety .....	\$0 10	\$0 25	\$0 75
Mammoth Iron Clad. Long and large; thin skin, deep red flesh.....	10	25	75
The "Boss." Oblong; dark green.....	10	25	75
Citron. (Red seeded), round handsome fruit of small size and used in the making of sweetmeats and preserves .....	10	25	75
Citron. (Green Seeded), used for preserves .....	10	25	75



IRON CLAD

Plant in hills directed for Muskmelons, giving them more room, as their vines extend much farther. If they are wanted of a large size, three or four melons to each plant will be sufficient, and when only one is allowed to grow from each plant they will grow to an immense size.

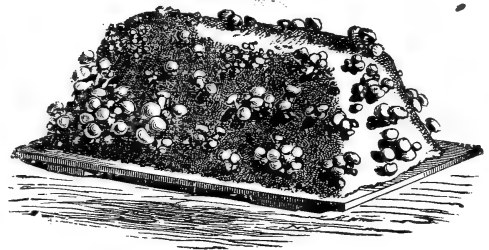
MUSHROOMS

German, Chimpignoubrut; French, Champignon; Spanish, Hongo.

Imported English Spawn.....	15c per lb.	10 lbs. \$1 00	100 lbs. \$9 00
Imported French Spawn.....	30c per lb.	10 lbs. \$2 50	

Mushrooms should be grown either in a building especially erected for the purpose or some shed, stable or cellar, where the temperature of from 40 to 60 degrees can be kept up in winter. To every barrow load of fresh horse droppings add about the same weight of loam or soil of any kind that has not been manured. Turn the heap every day, so that it is not allowed to heat violently, until you have quantity enough to form a bed of dimensions required. Be careful that your heap is under cover, so that it cannot possibly get wet. The most convenient size is from three to four feet long and eight inches deep.

Prepare the mixture of loam and manure, making the bed in layers, and pounding down each with the back of a spade. Leave this to heat through for a few days, and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way into which put pieces of spawn two or three inches in diameter; fill up the holes with the compact mud at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the bed. Now spread a layer of fresh soil over the heap to the depth of two inches, firm it down moderately and cover with three or four inches of hay or straw. Examine the bed often to see that it does not get dry. When water is given it should be at a temperature of about 100 degrees.



MUSHROOMS

MUSTARD

German, Senf; French, Moutarde; Spanish, Mostaga.

	Per oz.	¼ lb.	lb.
White London. Best of salads.....	\$0 05	\$0 10	\$0 25
Black. Used for cooking and salads.....	05	10	25

Mustard in the green state is a refreshing salad, mixed with Cress, Lettuce, or other salad plants. It is necessary to make frequent sowing of it, as it should be cut and used in a very young state, even before the first rough leaf appears. The seed should be sown thickly in light soil, the surface of which should be made very smooth. The seed should be pressed into the soil with the back of a clean spade.

NASTURTIUM

German, Nastrutian; French, Capusine; Spanish, Maranuela

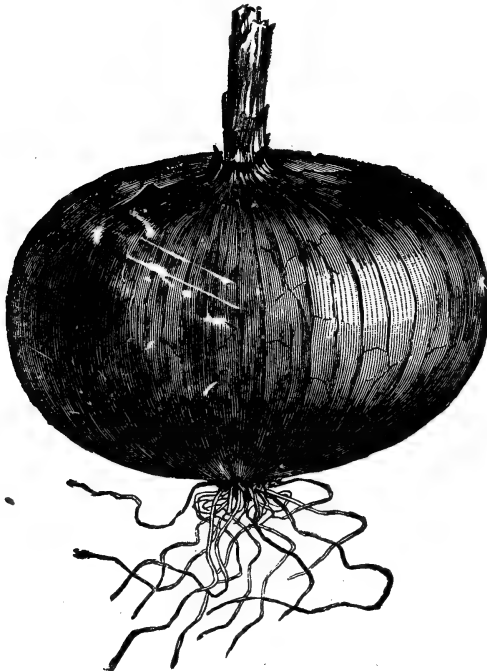
	Per oz.	¼ lb.	lb.
Tall Scarlet.....	\$0 15	\$0 40	\$1 25
Tall Yellow.....	15	40	1 25
Tall Nasturtium, Mixed.....	10	25	75
Dwarf Nasturtian, Mixed.....	10	35	1 00

**NASTURTIUM—Continued**

Cultivate both for use and ornament; the green seed pods preserved in vinegar make an excellent pickle. The young leaves are also useful in salads. Its scarlet and orange-colored flowers which appear freely all summer, add a charm to the garden.

**ONION**

German, Zweibel; French, Oignon; Spanish, Cebolla



YELLOW DANISH ONION

	Per oz.	¼ lb.	lb.
<b>Early Red Flat.</b> About ten days earlier than the Large Red, and not quite so large	\$0 20	\$0 55	\$1 75
<b>Large Red Wethersfield.</b> The staple variety of the Eastern onion growers; of large size deep in color, a good keeper	20	50	1 50
<b>Yellow Globe Danvers.</b> An excellent variety, mild flavor and very productive; ripens early and a good keeper	20	50	1 50
<b>Prizetaker or Early Globe Spanish.</b> Immense size	20	55	1 75
<b>White Portugal or Silver Skin.</b> A handsome onion of mild flavor; extensively grown for pickling	30	80	2 50
<b>Southport Red Globe.</b> Similar to the large Red in flavor and color, but quite distinct in form, being nearly globular	20	60	2 00
<b>Southport White Globe.</b> Form nearly ovoid symmetrical, keeps well, is an excellent variety	30	90	3 00
<b>Southport Yellow Globe.</b> Same as above, except in color	20	60	2 00
<b>White Flat Bermuda.</b> Very early	30	1 00	3 50
<b>Red Flat Bermuda.</b> Very early	30	85	2 75

**ITALIAN VARIETIES**

<b>Adriatic Barletta.</b> White, new variety, fully two weeks earlier than the Queen	20	60	2 00
<b>Early Queen.</b> Excellent variety, very early, a good keeper and mild flavor white	20	50	1 50
<b>Giant Rocca.</b> A splendid large variety from Naples, of globular shape, bright brown skin and delicate flavor	20	60	2 00

The onion thrives best in a rather strong, deep, rich loamy soil, and unlike most vegetables succeeds well when cultivated on the same ground for successive years. The ground should be deeply trenched and manured the previous autumn, and laid up in ridges during the winter to soften. As early in the spring as the ground is in working order, commence operations by leveling the ground with a rake, and tread firmly; sow thinly in drills about a quarter of an inch deep and one foot apart: cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand three or four inches apart.

**ONION SETS**

	Per qt.	¼pk.	pk.	bu.
<b>White Onion Sets</b> .....	\$0 25	\$0 75	\$1 25	\$4 00
<b>Yellow Onion Sets</b> .....	20	60	1 00	3 50
<b>Red Onion Sets</b> .....	20	60	1 00	3 50
<b>Potato Onions</b> .....	25	75	1 25	4 00
<b>Shallots</b> .....	25	75	1 25	4 00
<b>Red Top Onions</b> .....	25	75	1 25	



### OKRA OR GUMBO

German, Essbarer Safran; French, Gomo; Spanish, Quibombo.



DWARF GREEN OKRA

	Per oz.	¼lb.	lb.
Improved Dwarf White. Long slender pods, very productive, only 14 in. high	\$0 10	\$0 20	\$0 50
Dwarf Green. Early and productive...	10	20	50
Long Green. Fine long pods, very good	10	20	50

The pods in a young state are used in soups, sauces and stews, and are very wholesome and nutritious. It is the easiest culture and grows freely, bearing abundantly when grown in ordinary garden soil. It is sown at the usual time of all tender vegetables in drills two inches deep, setting the plants from two to three feet apart.

### PARSNIPS

German, Pastinake; French, Panals; Spanish, Chirivia

	Per oz.	¼lb.	lb.
Guernsey or Cup. Leading variety...	\$0 15	\$0 35	\$0 90
Long Smooth or Hollow Crown. Long roots	15	35	90
Early Round	15	35	90

They succeed best in a deep rich soil that has been well manured the previous season, as manure freshly applied tends to the production of forked and ill-shaped roots. Sow the seed early in spring in drills eighteen inches apart in the garden, and three feet apart in the field, thin the plants to six inches in the drill.

### PARSLEY

German, Petersilie; French, Persil; Spanish, Perjil

	Per oz.	¼lb.	lb.
Extra Double Curled. A fine dwarf variety excellent for garnishing...	\$0 15	\$0 35	\$0 90
Fern Leaves. The most beautiful form of parsley, resembling crested fern or moss in its growth	15	35	1 00
Plain Leaves. Hardier than the curled variety	15	35	90
Moss Curled	15	35	90
Hamburg, or Rooted. Edible roots	25	50	1 75

Should be sown very early in the spring in beds or in lines, and the seeds which are somewhat slow to vegetate should be previously soaked 24 hours in warm water. The soil should be kept free from weeds, which should be extracted by the hand, so as to avoid disturbance of the seed when about to germinate. As soon as the plants are large enough they should be thinned out so as to stand five or six inches apart.



MOSS CURLED PARSLEY

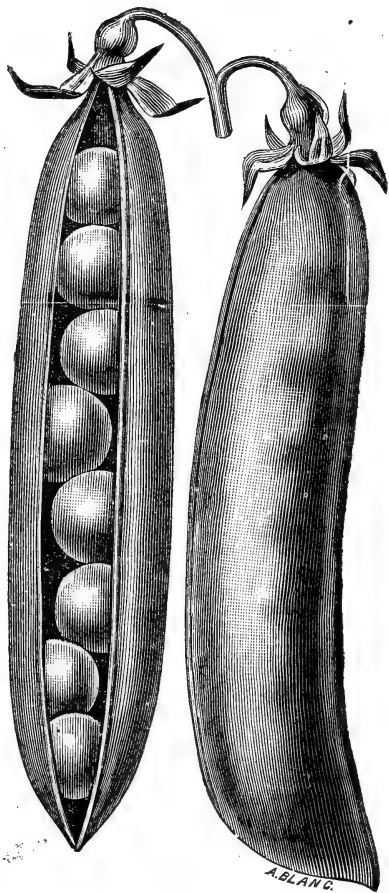
### PEAS

German, Erbsen; French, Pois; Spanish, Guisantes.

#### EXTRA EARLY VARIETIES

	Per qt.	¼pk.	pk.
Primo. Very early, cross between Gradus and Early William. Pods same as Gradus but with this advantage, much more prolific and harder. 25c. pkt.			
Gradus or Prosperity. Earliest wrinkled Pea grown. Can be sown early as the round sorts. Large Peas and pods, splendid flavor. Requires no sticks reaching only 36 inches in ordinary good soil. Height, 3 feet.	\$0 60	\$2 25	\$4 00

## PEAS—Continued



	Per qt.	½ pk.	pk.
<b>Nott's Excelsior.</b> Extra early dwarf wrinkled, pods larger than American Wonder, 1 foot.....	\$0 50	\$1 75	\$3 00
<b>American Wonder.</b> Earliest wrinkled variety, 1½ feet.....	45	1 50	2 50
<b>Alaska.</b> Very early and retain their color well, height 2½ feet.....	40	1 30	2 25
<b>First and Best.</b> One of the very best extra early Peas. An improved strain of the Extra Early Market, height 2½ feet.....	35	1 25	2 00
<b>Little Gem.</b> A dwarf green wrinkled, Market, very prolific, of superior flavor, and a first early, 1½ feet.....	45	1 50	2 50
<b>Premium Gem.</b> A fine flavored dwarf, wrinkled variety; good cropper and fine quality. Height 18 inches.....	45	1 50	2 50

## SECOND EARLY VARIETIES

<b>Heroine Medium Early.</b> Green wrinkled, height 2½ feet.....	45	1 50	2 50
<b>Everbearing,</b> good size pea, long pod, height 2½ feet.....	40	1 30	2 25
<b>McLean's Advancer.</b> Early green wrinkled varieties, delicious flavor, height 2½ feet.....	40	1 30	2 25
<b>Pride of the Market.</b> Very large pods, green peas, sow thin, height 2 feet.....	50	1 75	3 00
<b>Yorkshire Hero, or Dwarf Champion Abundance.</b> 18 inches high, 6 to 8 peas in a pod, large and wrinkled.....	45	1 50	2 50
<b>Dwarf Telephone.</b> Same quality and productiveness as Telephone excepting the vines grow 2 feet high, pods are large and filled with immense peas of excellent flavor and very sweet.....(very scarce)	55	2 00	3 50

## GENERAL CROP

<b>Champion of England.</b> A popular wrinkled variety, of delicious flavor; profuse bearer. Peas are very large, tender, height 5 feet.....	45	1 50	2 50
<b>Telephone.</b> This is the best pea for general crop, both for home and market use. Immediately productive and of finest quality. Vines very strong, averaging 18 to 20 large pods per stalk, 4 feet.....	50	1 75	3 00
<b>Stratagem.</b> Mammoth pods, well filled, height 1½ feet.....	50	1 75	3 00
<b>Black-Eyed Marrowfat.</b> Grown for market, hardy, productive, 3 ft. bu. \$5 00.....	25	90	1 65
<b>White Marrowfat.</b> An old favorite sort for market, 4 ft. Per bu. \$5 00.....	25	90	1 65
<b>Tall Sugar.</b> Edible pods, a fine flavored variety, can be used in the green state like string beans. Height 5 feet. Per bu. \$10 00, 1 pt. 40c, 1 qt. 75c.....			
<b>Dwarf, Sugar.</b> Edible pods. Per bu. \$7 00, 1 pt. 30c, 1 qt. 50c.....			

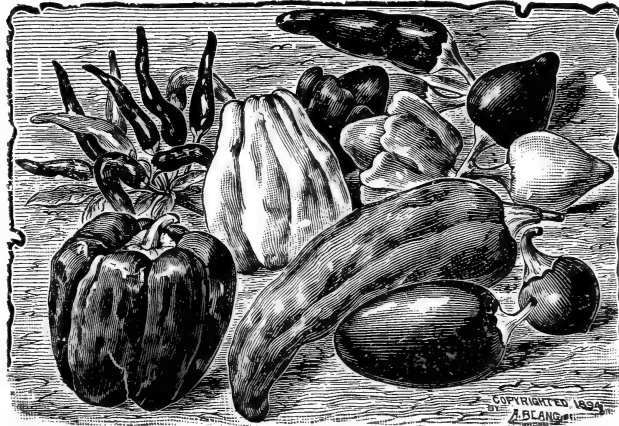
Peas come earlier to maturity in light soil. For general crop a deep rich loam, or strong loam inclining to clay is best. For early crops decomposed leaves or leaf mould should be used, or if the soil is very poor, strong manure may be employed. For general crop a good dressing should be applied, and for the dwarf growing kinds the soil can hardly be too rich. When grown as a market crop, peas are not staked, but sown in single rows, two or three inches deep, two or three feet apart according to the variety. When grown in small quantities for private

**PEAS—Continued**

use, they are sown in double rows six or eight inches apart, and the rows three feet apart, the tall varieties staked up by bush. For an early crop, sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. A quart is sufficient for a row of about eighty feet.

**PEPPER**

German, Pfeffer; French, Piment; Spanish, Pimiento



PEPPERS

	Per oz.	¼ lb.	1 lb.
<b>Ruby King.</b> Very large; bright red .....	\$0 35	\$0 85	\$3 00
<b>Sweet Spanish.</b> One of the largest. Best for salads, very hot .....	25	75	2 50
<b>Large Bell or Bull Nose.</b> An early variety of mild flavor .....	25	75	2 50
<b>Sweet Mountain or Mammoth.</b> Of large size, best for mangoes .....	25	75	2 50
<b>Chinese Giant.</b> Double the size of Ruby King. This is the largest and finest mild Red Pepper. Flesh is thick and unusually mild. Productive bearer.....	40	1 25	4 00
<b>Long Red Cayenne.</b> Used for Pepper, sauces very pungent.....	25	75	2 50
<b>Long Yellow Cayenne.</b> Similar to Long Red, except in color.....	30	80	3 00
<b>Golden Queen Mammoth.</b> Large, golden, yellow, early .....	25	75	2 50
<b>Chili.</b> Very piquant and prolific, fruit conical, bright scarlet .....	25	65	2 25
<b>Golden Dawn Mango.</b> This is a remarkably prolific Pepper of the Bell class of a magnificent golden color.....	25	75	2 50

The Pepper or Capsicum is valuable for its seasoning qualities, as well as for pickling. Sow early in heat and transplant when the weather is warm and settled, or sow in warm situation in the garden about the middle of May. Plants should be set a foot and a half apart.

**POTATOES**

German, Kartoffel; French, Pomme de Terre; Spanish, Petata

- Houlton Extra Sunlight. New. Very early, good yielder.....
- Noroton Beauty. Extra early sort, very productive, uniform round shape.....
- Houlton Hebron. White skin, the most popular variety in cultivation.....
- Houlton Rose. The standard variety.....
- Houlton Early Queen. Early and productive.....
- Houlton Green Mountain. Late variety, good keeper, white and mealy.....
- Houlton Irish Cobbler. Very early, round white.....

Prices on application

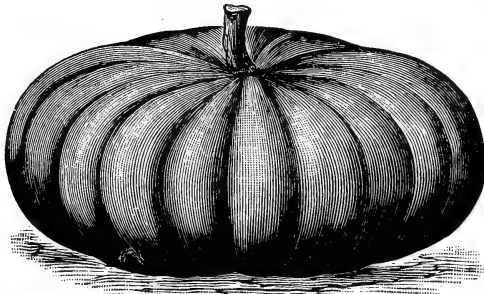
POTATOES—Continued



HOULTON MAINE POTATOES

PUMPKIN

German, Kuerbis; French, Courge; Spanish, Calabaz a Totanera.



CHEESE PUMPKIN

	Per oz.	¼lb.	lb.
<b>Calhoun.</b> Flesh wonderfully thick and fine grained, cooks very yellow.....	\$0 10	\$0 25	\$0 75
<b>Large Cheese.</b> The best variety, hardy and productive	10	20	60
<b>Connecticut Field.</b> Very productive, largely grown for feeding stock 20c. per quart, \$3.00 per bushel ...	10	15	40
<b>Mammoth King.</b> Grows to an immense size	15	40	1 25
<b>Early Sugar.</b> Fruits medium size, of excellent keeping quality. Flesh very sweet.	10	20	60

<b>Cushaw.</b> Salmon color, crooked neck.....	10	25	80
<b>Tennessee Sweet Potato.</b> Bell shaped, thick, white flesh, nothing finer for pies.....	10	25	80

These are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow in May; in hills eight feet apart.

RHUBARB

German, Rabarber; French, Rhuperbe; Spanish, Ruibarbo.

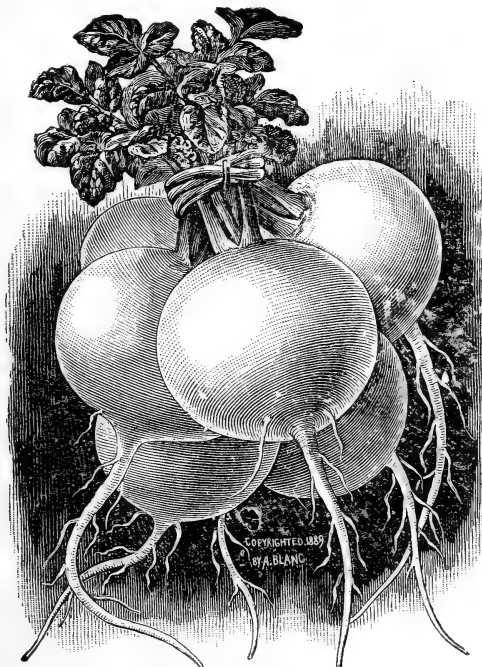
	Per oz.	¼lb.	lb.
<b>Linnaeus.</b> Early, large and tender.....	\$0 20	\$0 50	\$1 50
<b>Victoria.</b> Very large, later than Linnaeus.....	15	40	1 25
<b>Roots</b> .....			5c. each

Sow early in spring, in drills a foot apart, thinning out to about the same distance apart in the rows when a few inches high. In fall or following spring, transplant into deep, rich soil, about three feet apart each way.

**RADISH**

German, Retting; French, Radis; Spanish, Robanitos

	Per oz.	¼ lb.	1 lb.
Vick's Scarlet Globe. New, very fine .....	\$0 10	\$0 2	\$0 60
Early Scarlet Turnip. The standard variety, of quick growth, mild and crisp when young .....	10	20	50
Early Scarlet Turnip. Forcing variety, maturing in three weeks .....	10	20	60
Early Scarlet Turnip. White tipped, a beautiful new early kind, round in shape; color scarlet, tipped with white, a favorite for market gardeners. Market gardeners price.....10 lbs. at 40c lb.	10	15	50
Early Scarlet Turnip. White tip, forcing .....	10	20	60
Olive Shape Deep Scarlet .....	10	20	60
French Breakfast. Of quick growth, very mild and tender, of oval form, color scarlet, tipped with white .....	10	20	65
Long Scarlet. One of the leading market kinds .....	10	20	50
White Summer Turnip. A summer variety of mild flavor .....	10	25	75
Yellow Summer Turnip. Grows to a large size .....	10	25	75



**RADISH**

WHITE SUMMER TURNIP

Rose China Winter. Flesh firm and piquant; excellent for winter use .....	10	25	75
Black Spanish Winter. Long, one of the hardiest and best for winter use .....	10	25	75
Black Spanish Winter. Round .....	15	35	1 00
Giant Stuttgart. Summer favorite, German sort .....	10	25	75
California Mammoth White. A giant white fleshed Fall Radish .....	15	35	1 00
White Spanish. Long, rather milder than the black .....	10	25	75
White Strasburg. Very large, German sort .....	10	20	65
White Vienna or Lady Finger. Crisp and tender in summer .....	10	25	75

There are two classes of Radishes, those for Spring and Summer use, which are small and arrive quickly at maturity, and with proper care can be kept all winter. The summer radishes should be used while young and tender; if allowed to grow too long they become tough and stringy; they thrive best in light rich soil. For a successive supply, sow from the middle of March until September, at intervals of two or three weeks. For an early supply, they may be sown on a mild hotbed in February. The winter varieties may be sown from the latter part of July to the middle of September.

**SPINACH**

German, Spinat; French, Spinard; Spanish, Espinaca

Special price on lots of 10 to 25 lbs.

	Per oz.	¼ lb.	1 lb.
Long Standing, Round Leaved .....	\$0 10	\$0 15	\$0 35
Flander's Round Leaved. The variety commonly grown, good for spring or fall sowing .....	10	15	35
Large Viroflay. A new variety, with leaves much larger and thicker than the old variety .....	10	15	35



**SPINACH—Continued**

	Per oz.	¼ lb.	lb.
<b>Victoria, New.</b> Dark green color, sow early.....	\$0 10	\$0 15	\$0 35
<b>Bloodsdales Savoy Leaved.</b> A large, curled, thick leaved variety, the market gardener's favorite ...	10	15	35
<b>Prickly.</b> Prickly seeded, with triangular arrow-shaped leaves.....	10	15	35
<b>New Zealand.</b> Produces leaves in great abundance throughout the summer, should be raised in heat and transplanted three feet apart each way into light rich soil.....	10	30	80

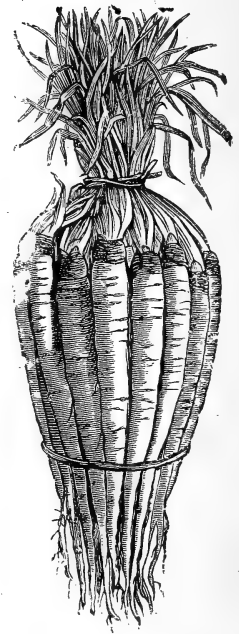
Sow in fall for spring use. in drills a foot apart, thinning out the plants to three inches apart in the rows. Spinach is very hardy and does not require protection except in very exposed places, where a covering of straw or leaves is useful. For summer use sow as early as possible in spring, and at frequent intervals, during the season for succession.

**SALSIFY, OR OYSTER PLANT**

German, Bocksbart; French, Salsifis; Spanish, Salsifi

	Per oz.	¼ lb.	lb.
<b>Long White French</b> .....	\$0 20	\$0 50	\$1 50
<b>Mammoth Sandwich Island</b> .....	15	40	1 25

This very nutritious vegetable requires the same cultivation as Carrots or Parsnips. It is quite hardy and the roots may remain in the ground all winter; a quantity can be taken up and packed in earth or sand, and stored away for use when needed. It makes a fine soup, like the oyster. It is also half-boiled, grated fine, made into small balls, dipped into butter, and fried.



SALSIFY

**SQUASH**

German, Garten Kuerbiss; French, Courge; Spanish, Eutera



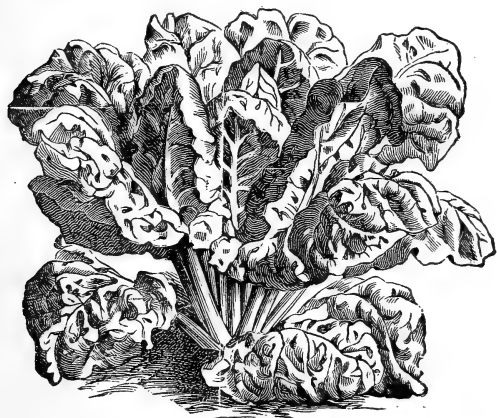
WHITE BUSH SQUASH

	Per oz.	¼ lb.	lb.
<b>Mammoth Summer Crookneck.</b> Twice size of Summer Crookneck	\$0 10	\$0 25	\$0 80
<b>Fordhook Squash.</b> Bright, yellow, good keeper	15	40	1 25
<b>Early Golden Bush Scalloped.</b> True bush growth producing fruit ready for use early in the summer	10	25	75
<b>Early White Bush Scalloped.</b> A white variety of the above	10	25	75
<b>Summer Crookneck.</b> Early, productive and of good quality	10	25	75
<b>Canada Winter Crookneck.</b> Flesh close grained, sweet and fine flavored	15	40	1 25
<b>Boston Marrow.</b> A very valuable medium early variety, an excellent keeper and of superior quality	10	30	1 00
<b>Hubbard.</b> The best Winter Squash, fine grained, dry, keeps well and is of excellent flavor	15	40	1 25

**SQUASH—Continued**

	Per oz.	¼ lb.	lb.
<b>Mammoth Chili.</b> Grows to a large size, often weighing two hundred pounds. Excellent for stock.....	\$0 15	\$0 40	\$1 25
<b>Vegetable Marrow.</b> A favorite English sort, skin greenish yellow, flesh white, soft and rich flavor.....	15	40	1 35

Squashes are divided into two classes, Summer and Winter. The Summer varieties come into use about midsummer, and are eaten when the rind and flesh are young and tender. The Winter varieties are left on the vines until they are thoroughly ripe, gathered in the Fall, and stored away for Winter use. If well ripened and kept in a good cellar, they can be preserved until May. Prepare hill for the seeds by incorporating two or three shovelfuls of well rotted manure with the soil, for each hill. For the bush varieties, from three to four feet each way, and for the running sorts from six to eight feet. Eight or ten seeds should be sown to each hill, thinning out after they have attained their rough leaves, leaving three or four of the strongest plants.



SWISS CHARD

**SWISS CHARD OR SILVER BEET**

This is a Beet producing leaves only, of a quality superior to those of the ordinary Beet, and excellent greens. Cultivate about the same as spinach, by sowing in early spring in drills about a foot apart. Oz. 10c, ¼ lb. 20c, lb. 60c.

**TOBACCO**

**Connecticut Seed Leaf.** This variety is best adapted to the climate of the Northern and Middle States. Per oz. 25c, ¼ lb. 75c, lb. \$2 50.

**Havana.** Imported Seed, Vuelto de Abbajo. Per oz. 40c, ¼ lb. \$1 25, lb. \$4 00.

**TOMATO**

German, Liebesapfel; French, Tomote; Spanish, Tomata.

	Per oz.	¼ lb.	lb
<b>Kondine Red, New.</b> Enormously productive. See Novelties. 25c package.			
<b>Atlantic Prize.</b> Extra early, smooth, bright red, good size.....	\$0 25	\$0 75	\$2 50
<b>Earlina, Extra Early.</b> Bright red, smooth. It is claimed to be one of the earliest introduced, very productive.....	30	85	3 00
<b>Coreless Livingston's.</b> Almost round, bright red, ripens all over at once, exceptionally free from green core.....	30	85	3 00
<b>Livingston's Honor Bright.</b> Solid, long keeping qualities.....	25	75	2 50
<b>Imperial.</b> Very smooth, bright red color, good size.....	25	75	2 50
<b>New Buckeye State.</b> Large size, similar to Livingstone's Beauty, little darker in color.....	30	85	3 00
<b>Thorburn's Terra Cotta.</b> A cross between the Stone Peach and Ponderosa.....	30	85	3 00
<b>Ponderosa.</b> Very large and solid.....	40	1 25	4 00
<b>New Stone.</b> Large and smooth.....	25	75	2 50
<b>Livingston's Perfection.</b> Very early, round, smooth tough skin brilliant; solid and rich flavor; ripening thoroughly. A favorite market variety.....	25	75	2 50
<b>Ignotum.</b> Early, large and smooth.....	25	75	2 50
<b>Livingston's Beauty.</b> Large dark crimson, thick skin.....	25	75	2 50
<b>Dwarf Champion.</b> Resembles Acme, early.....	30	85	3 00
<b>Acme.</b> A beautiful variety. Fruit of medium size, form perfect and very smooth. Ripens all over and through at the same time. This variety seems to possess all the good qualities that can be desired in a tomato.....	25	75	2 50

TOMATO—Continued

	Per oz.	¼lb.	lb.
Trophy. (Selected), The leading variety for general cultivation, and when properly grown will give satisfaction. Theseed we offer is carefully selected from pure stock.....	20	65	2 25
Golden Queen. A first class large, smooth, pure yellow Tomato. Fine bearer and of excellent flavor.....	25	75	2 50
Yellow Plum. Used principally for pickling.....	30	85	3 00
Red Pear Shape. Used principally for preserving and pickling.....	30	85	3 00
Red Currant. For preserves.....	30	85	3 00
Yellow Cherry. Similar to above, except in color.....	25	75	2 50



EARLIANA TOMATO

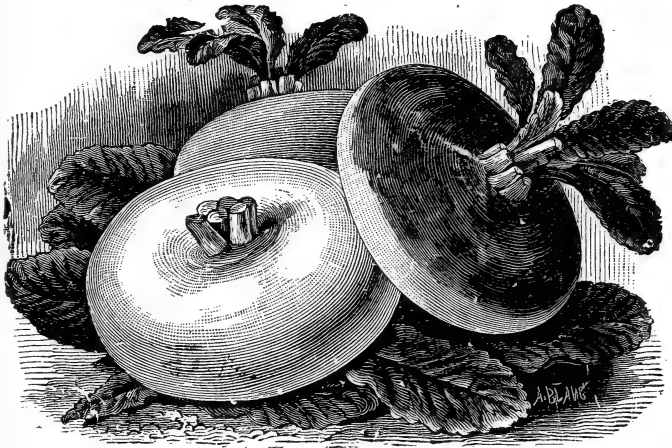
The seed should be sown in a hotbed about the first week in March, in drills five inches apart and half an inch deep. When the plants are about two inches high, they should be set out four or five inches apart in another hotbed, or removed into small pots, allowing a single plant to a pot. About the middle of May the plants may be set in the open ground, at a distance of three to four feet apart in hills in which a good shovelful of rotted manure has been mixed.

TURNIP

German, Rube; French, Navet; Spanish, Nabo.

	Per oz.	¼lb.	lb.
Milan. (Purple top), the earliest of all.....	\$0 20	\$0 60	\$2 00
Purple Top Munich. One of the earliest varieties.....	10	20	60
Early White Flat Dutch. An early garden variety of medium variety size.....	10	20	60
Red Top Strap Leaf. This and the preceding are the best two kinds for Spring sowing and for garden culture.....	10	20	60
Red Top White Globe. Very desirable, extensively grown for market.....	10	20	60
White Egg. A new variety, beautifully shape; excellent table turnip.....	10	20	60
Yellow Globe. One of the best for general crop, either for table use or stock.....	10	25	75
Yellow Stone. A good globe-shaped turnip, similar to the above.....	10	20	60
Golden Ball. A table Turnip of quick growth, and unsurpassed quality.....	10	25	75
Long White or Cow Horn. One of the best field Turnips, flesh fine grained.....	10	30	1 00
Yellow Aberdeen. Hardy and productive, large grown for farm purposes.....	10	20	66
Large White Norfolk. Globe-shaped variety, one of the best for stock.....	10	20	60
Pomeranium White Globe. Very fine, white Globe variety, round and thick.....	10	20	00
German Tetlow. Small, early, fine grade sugary.....	10	25	80

TURNIPS—Continued  
RUTA BAGAS



PURPLE TOP STRAP TURNIP

**American Improved Purple Top.**

The leading variety, of fine quality, valuable both for the table and for feeding stock. Per oz. 10c, ¼ lb. 20c, lb. 60c.

**Carter's Imperial Royal Swede.**

An English variety, highly recommended as producing enormous crops. Per oz. 10c. ¼ lb. 20c, lb. 60c.

**White or Sweet German.**

A large solid variety. Per oz, 10c, ¼ lb. 20c lb. 50c.

**L a i n g ' s .**

Improved, globe-shaped, with small top and tap root. Per oz. 10c, ¼ lb. 20c, lb. 60c.

For spring crop commence sowing early varieties as soon as the ground can be worked, in drills fourteen inches apart; thin out the plants to five or six inches apart. Keep clear from weeds, and when the bottoms begin to enlarge, brush away the earth from about the roots the depth of an inch or more, and give them a light dressing of wood ashes. This is the surest

mode of obtaining fair and smooth Spring Turnips in old gardens where they are almost certain to grow wormy if the earth is allowed to remain in contact with the roots. It is important to get them started very early so that they may have time to grow a sufficient size before very hot weather, when they will soon become tough and strong. For the Fall and main crops, sow from the middle of July to the last of August in drills as directed for the Spring sowing. In the field, Turnips are more generally sown broadcast though much larger crops are obtained by drill culture.

**SWEET POT AND MEDICINAL HERB SEEDS**

Herbs are valuable for culinary and medicinal purposes, but they do not always receive the attention which they deserve. They are easily grown, and when preserved by drying are ready for use at any season of the year. Sow in Spring as soon as the weather is warm, and thin out as the plants grow up.

	Per oz.
<b>Anise</b> ( <i>Pimpinella anisum</i> ), an annual, cultivated for its seeds and its leaves, which are used for garnishing and for seasoning.....	\$0 10
<b>Balm</b> ( <i>Melissa officinalis</i> ), a hardy perennial, used for making balm tea and balm wine.....	25
<b>Basil, Sweet</b> ( <i>Ocimum basilicum</i> ). This is a tender annual, cultivated for its leaves, which are much used for flavoring soups and sauces .....	15
<b>Bene</b> ( <i>Sesamum orientale</i> ).....	10
<b>Borage</b> ( <i>Borago officinalis</i> ), hardy annual, sometimes used as a pot herb, and also for garnishing, but chiefly for claret cup and other cooling drinks. Bees are very partial to the flowers.....	10
<b>Caraway</b> ( <i>Carum cauri</i> ), hardy biennial, cultivated for its seeds, which are largely used in various kinds of confectionery and for giving flavors to liquors.....	10
<b>Catnip</b> ( <i>Nepeta cataria</i> ), perennial.....	35
<b>Coriander</b> ( <i>Corandrum salivum</i> ), an annual, raised for its seeds, which are used by confectioners, and sometimes to disguise the taste of medicine.....	10
<b>Dill</b> ( <i>Anethum graveolens</i> ), annual, the leaves are used in soups and sauces, and the seeds are sometimes added to pickle cucumbers to heighten their flavor. Medicinally they are good for flatulence and colic in infants.....	10
<b>Fennel</b> ( <i>Anethum foeniculum</i> ), hardy perennial, leaves used for garnishing, and in the preparation of various fish sauces.....	10
<b>Horehound</b> ( <i>Marrubium vulgare</i> ), hardy perennial, principally used for medicinal purposes.....	20
<b>Hyssop</b> ( <i>Hyssopus officinalis</i> ), hardy perennial, the leafy tops and flowers are used for making hyssop tea.....	20

SWEET POT AND MEDICINAL HERB SEEDS—Continued

	Per oz
Lavender ( <i>Lavandula spica</i> ), a popular aromatic herb.....	20
Majorum, Sweet ( <i>Origanum Majorana</i> ), for seasoning.....	15
Opium Poppy ( <i>Papaver sonniferum</i> ).....	20
Rosemary ( <i>Rosmarinus officinalis</i> ), an aromatic herb.....	30
Rue ( <i>Ruta graveolens</i> ), used for medicinal purposes, also frequently given to fowls for the roup.....	30
Saffron ( <i>Carthamus tinctorius</i> ).....	10
Sage ( <i>Salvia officinalis</i> ), much used for flavoring various articles of cookery. It is also possessed of medicinal virtues. Tea made from its leaves is a soporific; causing profuse perspiration.....	15
Summer Savory ( <i>Satureia hortensis</i> ), annual. It has medicinal and culinary uses. Its aromatic leaves are much esteemed in salads and soups.....	30
Sorrel, Broad Leaved, used in salads.....	20
Thyme, Broad Leaved English, hardy perennial. Thyme is used in various ways for soups, sauce and dressings, and a tea is made of the leaves which is a great remedy for nervous headache.....	45
Tarragon, Roots, each 35 cents.....	35
Tansy ( <i>Tanacetum vulgare</i> ).....	25
Wormwood ( <i>Antemesia abietnium</i> ), used for medicinal purposes; it is also beneficial to poultry and should be planted in poultry grounds.....	

**MUZZY BROTHERS' CELEBRATED LAWN GRASS**

	1 qt.	2 qt.	4 qt.	8 qt.	1 bu
Muzzy Bros.' Fine Mixed Lawn Grass. Composed of a mixture of the finest grasses; sow four to five bushels per acre.....	\$0 20	\$0 35	\$0 60	\$1 00	\$3 75
Muzzy Bros.' Special Lawn Mixture. This extra choice mixture contains a large proportion of the finer and more expensive species of grasses, in extra heavy samples, producing a turf of the closest and finest texture possible.....	25	45	85	1 50	5 00
Muzzy Bros.' Shady Lawn Mixture. A mixture of grasses that thrive in shady situations, under trees, or close to walls where there is little sun.....	30	60	1 00	1 75	6 00

QUANTITIES TO BE USED

Plot 20 feet by 20 feet, sow 1 quart	Plot 25 feet by 50 feet, sow 4 quarts
Plot 25 " " 25 " " 2 "	" 25 " " 100 " " 8 "
Plot one acre, sow 3 bushels	

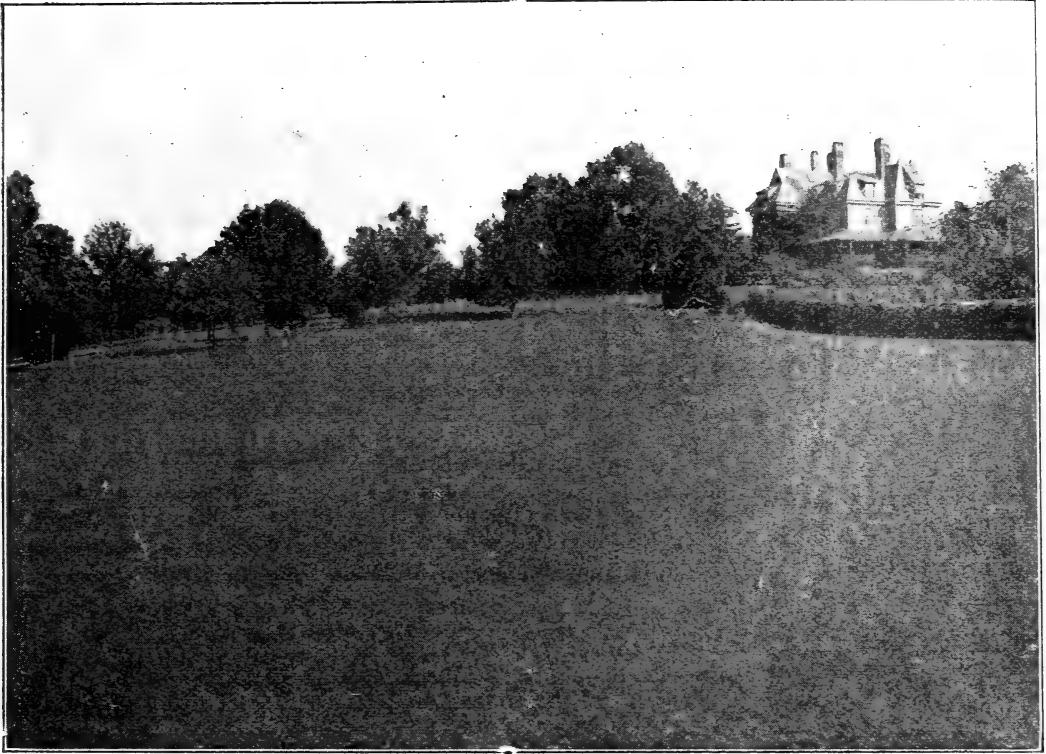
For large lawns, where turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one to two bushels to an acre. On such lawns it is well to use our Lawn Dressing, which can be raked in.

**MUZZY BROS.' LAWN GRASS, TOP DRESSING, ODERLESS**

QUANTITY REQUIRED OF OUR CELEBRATED LAWN DRESSING

Plot 20 feet by 25 feet, use 5 pounds.....	Price \$0 25
" 20 " " 50 " " 10 ".....	" 40
" 26 " " 100 " " 25 ".....	" 90
" 50 " " 100 " " 50 ".....	" 1 75
" One-quarter acre, " 100 ".....	" 3 00





## HOW TO MAKE A LAWN

The ground ought to be carefully prepared during the winter, by draining if found requisite, and digging to the depth of six to twelve inches, according to the nature of the soil. The land should then be leveled and raked to remove stones, etc., and then made firm with a heavy iron roller. When the natural soil is too stony, a supply of good mould should be spread over it to a depth of two or three inches. In March or April, before sowing the seed, the ground ought to be thoroughly cleaned and made perfectly level with the iron roller and as the subsequent appearance of the lawn depends in a great measure on this part of the preparation, it is of the utmost importance it should be well done. The ground should then be evenly raked and the seeds sown. April and September are the best months for sowing. The seed should be sown on a calm day, at the rate of four bushels to the acre.

After the sowing has been accomplished, the ground should be again rolled, and as soon as the young plants have attained the height of two or three inches, the whole plot should be carefully gone over with a sharp scythe, and from the months of April to October it should be mown every ten days. Mowing machines are excellent after a comparatively close turf is established; but for the first six months' sowing the scythe should be used in preference to the machine. **Frequent mowing and rolling are indispensable to maintain the turf in good order.** By adopting these means a close green sward will be obtained in a short time.

For lawns requiring improvement, and on croquet grounds, where the turf has become bare through constant use, it is only necessary to sow fresh seed at the rate of one or two bushels to the acre, either in the Spring or Fall, using a small tooth rake and rolling afterwards. A slight dressing of manure late in the Fall, will often be found beneficial in encouraging the growth of finer kinds of grasses, and helps to produce a close growing turf.

## MEADOW AND PASTURE MIXTURES

The formation of permanent and productive meadows and pastures is of great value to farmers, and has been given thorough study by numerous experts, resulting in formulas that will give good results under the varying conditions of our climate.

It is a well known fact that a heavier and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. Some sorts do best on high dry soil, while others prefer plenty of moisture. Some mature so early and others so late that there is no time in the season when one sort or another is not at its best. Grass seed may be sown either early in spring or in fall, from September to the middle of October in this latitude. Below we give mixtures that we are confident will give good results.

### MEADOW MIXTURE FOR ONE ACRE

**No. 1. On Good Land, Neither Too Dry or Too Wet**

Price \$4.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

**No. 2. For High and Dry Land**

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

**No. 3. On Wet Land**

Price \$4.00 per bushel of 20 lbs. Sow 2 bushels to the acre.

### PASTURE MIXTURE FOR ONE ACRE

**No. 4. On Good Land. Neither Too Wet or Too Dry.**

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

**No. 5. On Dry Land**

Price \$5.00 per bushel of 20 lbs. Sow 2 bushels to the acre

**No. 6. On Wet Land**

Price \$4.50 per bushel of 20 lbs. Sow 2 bushels to the acre.

### CLOVERS

(Subject to Variation in Price)

Red Clover. Medium (Trifolium pratense). Price variable, 60 lbs. to bushel.	Market Price
Red Clover, Large or Pea Vine. Price variable.	
White Clover. (Trifolium repens)	
Alfalfa or Lucerne. Requires a deep, rich soil, and in such will produce several crops every season. Fifteen pounds to the acre	
Alsike or Swedish (Trifolium hybridum). Ten pounds to the acre.	
Crimson or Italian (Trifolium incarnatum), sown in Autumn, it furnishes an early fodder, and is excellent for soiling. Twenty pounds to the acre. Price variable.	
Bokhara Clover (Melilotus alba), affords excellent feed for bees; it is a valuable soiling plant; lasts two years. Ten pounds to the acre	
Yellow Trefoil (Medicago lupina) Hop clover. Fifteen pounds to the acre.	

## GRASS SEED

These Prices are Subject to Variation.

	Per 10 lbs.	Per lb.
<b>Blue Grass Kentucky</b> (Poa pratensis), extra clean; does well on light dry soils; recommended for permanent pasture; it requires two or three years to form a good sod, and does not arrive at its perfection as a pasture grass until it is much older; valuable in mixtures for lawn. 14 lb. bushel	\$3 75	\$0 40
<b>Creeping Bent Grass, Florin</b> (Agrostis stolonifera), used for lawns, well adapted to most places	3 50	37
<b>Crested Dogtail</b> (Cynosurus cristatus), good for permanent pasture for sheep, is productive and early, suffers but little from dry weather, and is one of the best grasses for lawns. 25 lbs. to the acre	3 25	35

GRASS SEED—Continued

	Per 10 lbs.	1 lb
<b>Hard Fescue</b> ( <i>Festuca duruiscula</i> ), admirable pasture grass of fine quality, thrives well in dry situations. 30 lbs. to the acre.....	2 50	27
<b>Meadow Fescue</b> ( <i>Frestuca pratensia</i> ), this is excellent for hay when sown with other grasses, such as Orchard Grass and Timothy, and is also considered one of the best grasses for permanent pasture on a great variety of soils. 40 lbs. to the acre.....	4 50	47
<b>Sheep's Fescue</b> ( <i>Festuca ovina</i> ), does well in high dry and open pastures, is of short, dense growth, and valuable in lawn mixtures. 30 lbs. to the acre.....	2 60	28
<b>Meadow Foxtail</b> ( <i>Alopecurus pratensis</i> ), regarded as one of the most desirable grasses for permanent pasture, being early and rapid growth. 25 lbs. to the acre.....	4 00	43
<b>Meadow Soft Grass</b> ( <i>Holcus lanatus</i> ), will grow with little or no care in any soil; it is chiefly cultivated where the better grass will not grow. 3 bu. to the acre; 7 lbs. to bushel.....	1 75	20
<b>Orchard Grass</b> ( <i>Dactylis glomerata</i> ), is one of the most desirable of all pasture grasses, coming early in the Spring and remaining later in the Autumn than any other. 3 bu. to the acre. 14 lb. bu. ....	2 65	28
<b>Red Top Grass</b> ( <i>Agrostis vulgaris</i> ), good permanent grass, excellent for lawns, pastures, etc., and sowing with Timothy and Red Clover for cutting for hay. Sack 50 lbs., \$4.00; per bushel of 14 lbs., \$1.50.....		
<b>Fancy Red Top Grass</b> , cleaned like Timothy; free from chaff.....	Market Price	
<b>Rhode Island Bent Grass</b> ( <i>Agrotsis canina</i> ), best of all grasses for lawn where only one variety is used.....	3 50	37
<b>Rye Grass English</b> ( <i>Lolium perenne</i> ). Probably one of the most important and valuable of the cultivated grasses; is naturally adapted to almost any soil; matures early, and is very productive, but contains less nutrition than Orchard Grass.....	1 50	20
<b>Rye Grass Italian</b> ( <i>Lolium Italicum</i> ). This ripens much sooner than the English Rye Grass, and is greatly preferred by cattle, and greedily eaten by them, either in a green or dry state.....	1 25	15
<b>Sweet Vernal Grass</b> ( <i>Anthoxanthum odoratum</i> ), is not valuable when sown alone, but when sown with other grasses, it becomes so because of its early growth. It also yields a delightful odor when cured for hay. 10 lbs. to the acre, mixed with other grass annuals.....	7 00	75
<b>Tall Meadow Oat Grass</b> ( <i>Avena elatior</i> ), very valuable for pasture on account of its early and luxuriant growth. It shoots up very quickly after being cut, and produces a thick crop of aftermath, which also makes it valuable as a soiling crop. It has been lately in demand and is much valued in the South.....	3 00	35
<b>Timothy, Herd's Grass</b> ( <i>Phleum pratense</i> ). As a crop to cut for hay, this is probably unsurpassed. It thrives best on moist, peaty or loamy soils, and is not suited to light or sandy soils, although on such it can with care, be made to produce fair crops. Price according to market. 45 lbs. to bu. ....	Market Price	
<b>Rough Stalked Meadow Grass</b> ( <i>Poa trivallis</i> ), produces a constant supply of highly nutritious herbage, particularly on dry soils; one of the most valuable for laying down pastures and meadows on soils either moist or moderately dry. 14 lbs. to the bushel; 20 lbs. to the acre.....	4 50	50
<b>Wood Meadow Grass</b> ( <i>Poa nemoralis</i> ). This grass grows well both on shady and exposed situations. 30 lbs. to the acre.....	6 50	70
<b>Yellow Oat Grass</b> ( <i>Avena flavescens</i> ), good for dry pastures and meadows. Is much relished by sheep.....		1 00
<b>Golden or German Millet</b> . This variety is a heavier cropper than the Hungarian Grass, and needs a longer season and stiffer soil. Grows from three to five feet high, stands up well, is easily cured; gives general satisfaction. Three pecks to the acre. Per bushel of 48 lbs. ....	Market Price	
<b>Hungarian Grass</b> . A valuable forage plant, succeeds well on dry, light soil; withstands the drought remarkably, remaining green when all other vegetation is parched up, and if its development is arrested by dry weather, the least rain will restore it to vigor. Sow broadcast. Three to the acre. Per bushel of 48 lbs. ....	Market Price	

## GRAINS

All grains are selected expressly for seed, and are strictly pure and true to name.

Sold at Market Prices

**SPRING WHEAT, 60 lb. Bushel**

**Saschatewan Fife** -----

**China Spring.** Chaff bearded variety, and a general favorite.

**Mediterranean Spring.** This variety has been grown with great success for a number of years in some sections of New England, and is very highly recommended, is bearded, yields well and the kernels are larger than those of other Spring varieties.

**White Russian.** This variety, recently introduced, has proved very valuable in many localities in the Northwestern States. Straw of good length, strong, does not lodge. It is not inclined to rust. Heads of large size and well filled with plump kernels weighing 60 to 63 lbs. to the bushel. Has produced 40 to 50 bushels to the acre.

**WINTER WHEAT, 60 lb. Bushel**

**Jones' Winter Five.** Surpassing all other varieties in hardiness and productiveness.

**Golden Cross.** Has the yield of the Clawson, with flower of the Mediterranean.

**Clawson.** Also known as the Seneca. This is a beardless white wheat with red chaff. It proves early and hardy, has a stiff straw, yields larger crops than any other.

**Fultz.** A beardless amber variety, grown largely in some sections of Pennsylvania and with very satisfactory results. It is very hardy and productive, and the straw is of medium length and very strong; makes excellent flour.

**Red Mediterranean.** (American) This is the imported variety fully acclimated and is a standard wheat. The heads are bearded and well filled. It succeeds well in nearly all localities and ripens early.

**OATS, 32 lb. Bushel.**

**SWEDISH or WASHINGTON.** Very popular and standing well until fully ripe. (See Novelties.)

**Probsteiner.** Very productive and heavy. The straw is very strong; No. 32.

**Scotch.** One of the leading varieties.

**Welcome.**

**RYE 56 lb. Bushel.**

**Spring and Winter Rye.**

**SPRING BARLEY, 48. lb. Bushel**

**Vermont Champion (two rowed)**

**BUCKWHEAT, 48 lb. Bushel**

**Silver Hull.** This variety is a great improvement on the common Buckwheat. Sown at the same time it will continue to bloom longer, matures a few days sooner, and yields nearly or quite double under the same conditions.

**JAPANESE BUCKWHEAT**

Yields twice or three times as much as Silver Hull and ripens a week earlier

### MISCELLANEOUS SEEDS ETC

**Cow Peas.** For Fodder.

**Kaffir Corn or Sorghum.**

**Canada Field Peas**

**Winter Vetches**

**Spring Vetches**

**Flax.** Very clean

Per qt., 20c. bu., \$4.00

Per lb., 15c. 100 lb., 7.00

Market Price

“ “

“ “

“ “



MISCELLANEOUS SEEDS, ETC.—Continued

Canary, Best Sicily (Pharlaris canariensis).....	Per qt.	\$0 10
Hemp (Cannabis sativa).....	"	10
Maw (Papaver Rhoeas).....	Per lb.,	15
Lettuce Seed.....	"	25
Millet (Panicum miliacedum).....	Per qt.,	10
Rape (Brassica napus).....	"	10
Mixed Bird Seed.....	"	10
Sunflower, Large Russia.....	Per bushel, 28 lbs., \$2.00; per qt.,	10
Gravel for Cages.....	Per box, 5c.	Cuttle Fish Bone..... Each, 2c and 3c

FRUIT AND VEGETABLE ROOTS AND PLANTS

Asparagus Roots, Conover's Colossal and Palmetto (2 years old).....	Per 100, 80c; per 1,000, \$6.00
Rhubaro Roots.....	5c each; Horse Radish Roots..... Per 100, 75c; per dozen, 20
Strawberry Plants, Currant Bushes, Blackberry Bushes, Raspberry Bushes, Grape Vines and Gooseberry Bushes.....	Prices on Application

QUANTITY OF SEEDS FOR A GIVEN NUMBER OF PLANTS, ETC.

Asparagus.....	1 oz. to 60 ft. drill	Pole Beans.....	1 qt. to 150 hills
Beet.....	1 oz. to 50 ft. "	Corn.....	1 qt. to 200 "
Carrot.....	1 oz. to 150 ft. "	Cucumber.....	1 oz. to 50 "
Endive.....	1 oz. to 150 ft. "	Water Melon.....	1 oz. to 30 "
Okra.....	1 oz. to 40 ft. "	Musk Melon.....	1 oz. to 60 "
Onion.....	1 oz. to 100 ft. "	Pumpkin.....	1 oz. to 40 "
Onion sets, small.....	1 qt. to 20 ft. "	Early Squash.....	1 oz. to 50 "
Parsley.....	1 oz. to 150 ft. "	Marrow Squash.....	1 oz. to 16 "
Parsnip.....	1 oz. to 200 ft. "	Cabbage.....	1 oz. to 3,000 plants
Radish.....	1 oz. to 100 ft. "	Cauliflower.....	"
Salsify.....	1 oz. to 70 ft. "	Celery.....	1 oz. to 4,000 "
Spinach.....	1 oz. to 100 ft. "	Egg Plant.....	1 oz. to 2,000 "
Turnip.....	1 oz. to 150 ft. "	Lettuce.....	1 oz. to 4,000 "
Peas.....	1 qt. to 100 ft. "	Pepper.....	1 oz. to 2,000 "
Dwarf Beans.....	1 qt. to 100 ft. "	Tomato.....	1 oz. to 2,000 "

QUANTITY OF SEEDS AND PLANTS REQUISITE TO CROP AN ACRE OF LAND

Artichokes, Jerusalem.....	3	bu.	Kale, German Greens.....	3	lbs.
Asparagus, in 12 inch drills.....	25	lbs.	Lettuce, in rows; 2½ feet.....	3	lbs.
plants, 4x1½ feet.....		8,000	Leek, in rows; 2½ feet.....	3	lbs.
Barclay, broadcast.....	2½	bu.	Melon, Water in hills; 8x8 feet.....	3	lbs.
Beans, dwarf, in drills; 2½ feet.....	1½	bu.	Citron, in hills; 4x4 feet.....	2	lbs.
Lima, in drills; 4x4 feet.....	20	qts.	Millet, Pearl, in drills.....	5	lbs.
Pole, in hills; 4x3 feet.....	10	qts.	Golden, broadcast.....	¾	bu.
Beets, in drills; 2½ feet.....	6 to 8	lbs.	Mustard, broadcast.....	12 to 16	qts.
Broom Corn, in hills.....	4 to 6	qts.	Oats, broadcast.....	2 to 3	bu.
Buckwheat, broadcast.....	1	bu.	Onion, in drills.....	5	lbs.
Cabbage sown in frames.....	6	oz.	In beds for sets.....	5	lbs.
Sown in outdoor beds for trans-planting.....	10	oz.	Parsnips, in drills; 2½ feet.....	5	lbs.
Carrot, in drills; 2½ feet.....	3	lbs.	Peas Early, in drills.....	1½	bu.
Celery Seed.....	8	oz.	Marrowfat in drills.....	1¼	bu.
Plants, 4x½ feet.....		25,000	Broadcast.....	3	bu.
Chufas, in drills, 2½ feet.....	½	bu.	Potato, cut tubers; in drills.....	8 to 10	bu.
Clover, Alsike.....	5	lbs.	Radish, in drills; 2 feet.....	8	lbs.
Red, alone.....	15	lbs.	Broadcast.....	12	lbs.
White, alone.....	12	lbs.	Pepper Plants, 2½x1 foot.....		17,500
White, with other Seeds.....	4	lbs.	Pumpkin, in hills; 8x8 feet.....	2	qts.
Lucerne or Alfalfa.....	15	lbs.	Parsley, in drills; 2 feet.....	4	lbs.
Corn, Sweet.....	8 to 10	qts.	Rye, broadcast.....	1½ to 2	bu.
Field.....	7 to 9	qts.	Salsify, in drills; 2½ feet.....	10	lbs.
For fodder.....	3	bu.	Sorghum, in drills.....	10 to 12	lbs.
Corn Salad, in drills; 10 inches.....	25	lbs.	Spinach, in drills.....	10	lbs.
Cucumber, in hills.....	1½	lbs.	Broadcast.....	30	lbs.
Egg Plants; plants 3x2 feet.....	4	oz.	Turnips, in drills; 2 feet.....	1½	lbs.
Endive, in drills; 2½ feet.....	3	lbs.	Broadcast.....	2 to 3	lbs.
Grass, Hungarian.....	¾	bu.	Tomatoes, in frame.....	4	oz.
Lawn.....	3 to 4	bu.	Plants.....		3,800
Orchard.....	2 to 3	bu.	Wheat, broadcast.....	2	bu.
Rye.....	2	bu.	In drills.....	1½	bu.
Kentucky Blue.....	3	bu.			
Timothy.....	¼	bu.	Clover, } together { 10 lbs. Clover		
Red Top.....	3	bu.	Timothy, } for { ¼ bu. Timothy		
			Red Top, } one acre { 1 bu. Red Top		



# HIGH GRADE FERTILIZERS

## MUZZY BROS.' SWIFT "SURE" PHOSPHATE

FOR GENERAL CROPS, BEST FERTILIZER EVER MANUFACTURED

Stands ahead of anything in the market in Analysis, selling Price and Results. The Great Satisfaction this Fertilizer has given our customers, being so universal, enables us to recommend it as the Leading Artificial Manure in the Market.

### GUARANTEED ANALYSIS

Nitrogen.....	2.46 to 3.28 per cent	Total Phos. Acid.....	10 to 11 per cent
Equal to Ammonia.....	3 to 4 per cent	Potash Actual.....	6 to 8 per cent
Available Phos. Acid.....	8 to 10 per cent	Equal to Sulph. Potash.....	11.09 to 12.94 per cent
Insoluble " ".....	1 to 2 per cent	Ton. (12 bags) 35.00 per bag (167 lbs.)	\$3.25

## MUZZY BROS.' SWIFT "SURE" SUPER PHOSPHATE

FOR POTATOES

Nearly every farmer grows Potatoes, and consequently is, with the tucker and market gardener, interested in buying that fertilizer which for the least cash outlay, will bring him the best returns; as it is no longer a question, but an actual fact, that with a potato. Manure made from first class material, like our "SWIFT-SURE" SUPER PHOSPHATE FOR POTATOES, you can grow a larger crop of potatoes than you can with barnyard manure, and have them smoother, free from imperfections and of more uniform size.

### GUARANTEED ANALYSIS

Nitrogen.....	2.46 to 3.28 per cent	Total Phos. Acid.....	8 to 11 per cent
Equal to Ammonia.....	2 to 4 per cent	Potash Actual.....	7 to 8 per cent
Available Phos. Acid.....	8 to 10 per cent	Equal to Sulph. potash.....	12.94 to 14.79 per cent
Insoluble " ".....	1 to 2 per cent	Ton (12 bags) \$35.00 per bag (167 lbs.)	\$3.25

## MUZZY BROS.' SPECIAL FERTILIZER

Nitrogen.....	1.65 to 2.47 per cent	Insoluble Phos. Acid.....	1 to 2 per cent
Equal to Ammonia.....	2 to 3 per cent	Potash Actual.....	4 to 5 per cent
Available Phos. Acid.....	8 to 10 per cent	Equal to Sulph. Potash.....	7.40 to 9.25 per cent
Total " ".....	9 to 11 per cent	Ton (12 bags) \$30.00; per bag (167 lbs.)	\$2.75

## FINE GROUND BONE for Lawns

AN EFFICIENT AND PERMANENT DRESSING FOR LAWNS; ODROLESS

### GUARANTEED ANALYSIS

4 to 5 per cent. Ammonia		45 per cent, Bone Phosphate of Lime.	
5 pound bag for space	20 x 25 feet.....		\$0 25
10 " " "	20 x 50 ".....		40
25 " " "	25 x 100 ".....		90
50 " " "	50 x 100 ".....		1 75
100 " " "	1/4 acre.....		2 75

## PURE PULVERIZED SHEEP MANURE

A pure, natural and nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil of the greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich Liquid Manure.

**Quantity Required.** For garden and field crops. 1 to 2 tone per acre—1/4 before plowing the balance before harrowing. For top dressing grass, use 1 ton per acre in fall or early spring. Price, 100 lb. bag, \$2.00; per ton of 2,000 lbs., \$30.00; in packages of 2 lbs., 15c., 10 lbs., 50c.

## NITRATE OF SODA

A fertilizer for all crops. It is very quick in action, and hastens maturity of crops fully two weeks. Being extremely soluble, it should not be applied until the crops are above the ground when 100 pounds per acre should be sown, mixed with wood ashes. Does not exhaust the land.

5 lbs., 35c.; 10 lbs., 50c.; 25 lbs., \$1.25; 50 lbs., \$2.00. Bags trifle over 200 lbs., \$3.25 per 100 lbs.

## HIGH GRADE FERTILIZERS—Continued

**MURIATE OF POTASH**

50 per cent Actual Potash

One of the Best Fertilizers for Grass, Wheat, Rye, Oats, Barley, etc. Used with Nitrate of Soda, Ground Bone, Acid Phosphate would furnish sufficient available for an increase in yield by 50 per cent. Price, \$3.25 per 100 lbs. \$5.50 Bag of 200 lbs.

**ACID PHOSPHATE**

14 to 16 per cent Available Phosphoric Acid

This is one of our Fertilizers which is used in the largest quantity in most of our mixtures as a base. Price, \$1.25 for 100 lbs. \$2.25 Bag of 200 lbs.

**KAINIT**

12 per cent Annual Potash

Used mostly where a small amount of Potash is required, is recommended as a good preventive of Grub's Worms. Price, \$1.15 for 100 lbs. \$1.90 Bag of 200 lbs.

**GENERAL LIST OF FLOWER SEEDS****HARDY ANNUALS**

Successive sowing may be made from March to the end of September: March, April and May are the best months for general summer display; June and July for Autumn blooming, and August and September for Spring flowering. The soil should be carefully prepared by being finely pulverized and made light and rich.

Sow thinly; cover with a very thin coat of fine dry earth the smallest seeds needing but a mere dusting to cover them—and from the first keep the plants thinned sufficiently to prevent overcrowding, which weakens them and produces poor blooms.

**HALF HARDY AND TENDER ANNUALS**

These include some of the most beautiful and varied of our Summer flowers, among which may be mentioned Aster, Balsam, Ten-Weeks' Stocks, Phlox, Drummondii and Double Zinnia, which in form, size and brilliancy of flowers, and their great diversity of color, are now brought to a high state of perfection.

Sow from the beginning of March to June; when sown in March and early part of April, sow thinly in well-drained pots, pans or boxes; place in the greenhouse or a frame where there is a mild heat, or in the absence of these a sunny window in the house will do; cover the seeds lightly, press down the soil firmly and give a gentle watering with a fine rose watering pot.

Separate the plants when large enough to handle, and firmly plant out in May, as soon as the weather is sufficiently warm where intended to flower. The seed can be sown in the open ground in May and June.

**HARDY BIENNIALS AND PERENNIALS**

These can be grown at all seasons of the year in the open garden without protection, and may therefore be placed among the most useful of our flowering plants; their variety is almost endless, producing almost every form of flower and shade of color.

The seed may be sown from May to October, but the best time is in May and June. Select for sowing a shady, moist situation, and in order to secure fine, strong plants, sow thinly, and as soon as large enough transparent in showery weather to nursery beds, and finally plant out in October and November, those sown in Autumn are best planted out in March or April, when intended to flower. Many Perennials, if sown early and treated as Annuals will flower the first sea-

## GENERAL LIST OF FLOWER SEEDS—Continued.

son. The Pansy, Petunia, China Pink and its several splendid varieties, and many others, do better as Annuals than Perennials.

Half Hardy Biennials and Perennials may be raised and treated in the same way as recommended for Half Hardy Annuals.

## ANNUALS FOR WINTER BLOOMING

Many Annuals are very desirable for the greenhouse for Winter blooming; these should be sown in July or August. The most important are Browallia, Candy Tuft, German Stocks, Lobelia, Mignonette, Schizanthus, Sweet Alyssum and Dwarf Nasturtiums. Many varieties as well as the above may be sown in the Fall and Winter for blooming early in the Spring, such as Acroclinium, Ageratum, Antirrhinum, Apple-scented Geranium, China Pinks, Dinathus, Mimulus, Myosotis, Pansy, Petunias, Phlox Drummondii, Salpiglossis, Verbena Vinca and others.

## Abbreviations and Signs Used in the following List

- A. Annuals, refers to those plants that last but one season, and must be raised annually.  
 B. Biennial, raised one year, bloom and die the next.  
 P. Perennial, lasts two or more seasons.  
 h. Hardy, are those that may be grown at all seasons in open air, without protection.  
 hh. Half hardy, require the protection of a frame pit, or handlight till May, when they may be transferred to the open garden.  
 t. Tender, require to be raised and grown under glass, and will only do in the open air in July, August and September.  
 cl. Climbing; as Cypress Vine, Morning Glory, etc.  
 spr. Spreading or trailing as Verbena.  
 g. Greenhouse, those plants which require to be grown under glass.  
 s. Shrubs, plants of a shrubby or bushy habit.

Those Biennials and Perennials marked with a (\*) will bloom the first year if sown early.

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS
Abrobra viridiflora .....	tA	8	sc. fruit	10	Beautiful climbing gourd.
Abronia umbellata .....	hHA	spr.	pink	5	} Pretty Verbena-like annuals.
"    fragrant .....	hhB	2	white	10	
Abutilon mixed .....	TP	6	various	25	Beautiful bell-shaped flowers,
Acacia mixed .....	hhP	3-5	yellow	5	Good for greenhouse or potculture
Achimenes choice mixed .....	gP	1	various	25	Beautiful tuber-rooted plants.
*Aklumia cirrhosa .....	hB	15	pink	10	Mountain Fringe, hardy climber.
Ageratum Mexicanum .....	hHA	1	blue	5	} Valuable bedding plants of dwarf habit, very free bloomer.
"    Imperial dwarf .....	"	$\frac{1}{2}$	"	5	
"    Lasseauxii .....	"	1	rose	5	
Alyssum sweet .....	hA	$\frac{1}{2}$	white	5	} Sweet Alyssum, a well known fragrant flower.
"    Saxatile .....	hP	1	yellow	5	
Amaranthus Hendri .....	hHA	4	var. col.	5	} Fine plants for decorating purposes for conservatory and flower garden. Amar, tricolor known as Joseph's coat.
"    melancholicus ruber .....	"	2	red	5	
"    bicolor ruber .....	"	3	"	5	
"    salicifolius .....	"	3	scarlet	10	
"    tricolor .....	"	1	var. col.	5	
Anchusa augustifolia .....	hP	2	purple	10	Excellent for bouquets.
*Angelonia grandifolia .....	gP	2	vio. blue	25	Beautiful ornamental plants.
*Antirrhinum majus, choice mix .....	hP	2	various	5	} The Antirrhinum or snapdragon, a very useful and showy plant.
"    Tom Thumb .....	"	1	"	10	
Aquilegia chrysantha .....	"	2	yellow	10	} Columbines, handsome free flowering border plants, perfectly hardy.
"    cerulea .....	"	2	sky blue	15	
"    choice mixed, double .....	"	2	various	5	
Arabis Alpina .....	"	$\frac{1}{2}$	white	10	Rock or bordering, early flowering.
Ardisia crenulata .....	gS	3	red frt.	25	Beautiful scarlet berries.
Aistolochia Siphon .....	hP	30	yel. br.	25	Dutchman's Pipe.



ASTER



BALSAM

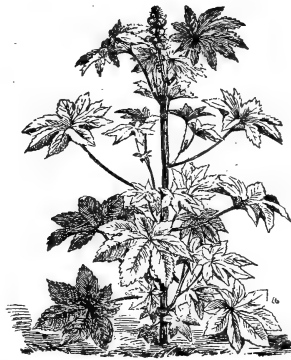


BRIZA MAXIMA

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS.
<b>Asperula azurea setosa</b> .....	hA	1	blue	5	} Pretty, sweet scented free bloomers. One of the most popular favorites, producing flowers of the most perfect and beautiful form, as well as richness and variety of color. They delight in a rich, light soil, and in hot dry weather should be mulched with well rotted manure, and supplied liberally with water.
<b>Asperula odorata</b> (woodruff) .....	hP	2-3	white	10	
<b>Aster Queen of market</b> , mixed .....	hHA	2	mixed	5	
“ “ “ rose .....	“	2	rose	5	
“ “ “ white .....	“	2	white	5	
“ “ “ lavender .....	“	1	lavender	5	
“ Comet, finest mixed .....	“	1	mixed	5	
“ Chrysanthemum flowered, finest mixed .....	“	2	“	5	
“ Washington, mixed .....	“	2	“	15	
“ Dwarf bouquet, mixed .....	“	2	“	10	
“ Mixed China .....	“	1 1/2	“	5	
<b>Auricula finest mixed</b> .....	hHP	1/2	“	25	} Charming Spring pot plant. Beautiful flowering shrubs.
<b>Azalea indica mixed</b> .....	gS	4	“	25	
<b>Balloon Vine</b> .....	hHA	10	wh. g'rn	5	} Rapid growing climber.
<b>Balsam mixed double</b> .....	“	2	various	5	
“ Camellia-flowered mixed .....	“	2	“	5	} Balsam or Ladies' Slipper. One of the finest of summer blooming annuals; also excellent for pot culture.
“ “ oz. 75c .....	“	2	white	5	
“ white .....	“	2	“	15	
“ white Perfection .....	“	2	striped	10	
“ Solferino .....	“	2	spotted	10	
“ Victoria .....	“	10	yellow	5	
“ Apple .....	“	10	“	5	} Interesting climber, with remarkable fruits.
“ Pear .....	“	2	various	25	
<b>Begonia new hybrids</b> .....	gS	4	white	10	} Beautiful new hybrids. Fine for specimens or groups.
<b>Bocconia Japonica</b> .....	“	4	blue	10	
<b>Browallia alata</b> .....	hHA	1 1/2	white	10	} Striking plants for greenhouse or outdoor cultivation.
“ alata alba .....	“	1 1/2	various	5	
<b>Casalia mixed</b> .....	hA	1 1/2	“	5	} Scarlet and orange tassel. Unsurpassed for richness of coloring and beauty of shape.
<b>Calceolaria hybrids</b> .....	gP	2	“	50	
“ rugosa .....	hHP	2	“	25	
<b>Calendula Meteor</b> .....	hA	1-3	stripped	5	} C. Carpatica, fine for edgings. C. pyramidalis, very handsome in pots.
“ Pongei fl. pl. .....	“	1 1/2	white	5	
<b>Campanula Carpatica</b> .....	hP	1	blue	5	} A charming climber.
“ alba .....	“	1	white	5	
* “ pyramidalis .....	hHP	4	blue	5	
<b>Canary Bird flower</b> .....	hHA	10	yellow	10	} Beautiful and useful hardy annuals, very effective in beds, groups or ribbon borders; also for pot culture.
<b>Candytuft crimson</b> .....	hA	1	crimson	5	
“ white .....	“	1	white	5	
“ mixed .....	“	1	various	5	
“ rose .....	“	1	rose	5	
“ new carmine .....	“	1	carmine	5	
“ Tom Thumb .....	“	1 1/2	white	5	



BACHELOR BUTTON



CYCLAMEN



CASTOR BEAN

NAME	Hardness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
* <i>Canna gigantea</i> .....	hhP	8	red	10	These stately plants are remarkable for their large and handsome foliage, producing a most luxuriant and tropical appearance.
* " Marshall Vaillant.....	"	4-5	orange	10	
* " Fintelmannii.....	"	5	yellow	10	
* " nigrians.....	"	3	red	10	
* " Bihorrelli.....	"	3	scarlet	10	
* " mixed var.....oz. 50c	"	3-6	various	5	Handsome old-fashioned plants for mixed borders.
* <i>Cantebury Bells</i> , blue.....	hB	3	blue	5	
* " " white.....	"	3	white	5	
* " " mixed.....	"	3	mixed	5	Ornamental Thistle.
<i>Carduus benedictus</i> .....	hA	3	white	5	
<i>Carnation</i> finest double.....	hP	2	various	5	The <i>Carnation Pink</i> is indispensable for its rich flowers and delicious perfume.
" mixed for borders.....	"	"	"	5	
" perpetual or tree.....	"	2	"	50	Handsome silver foliage plants for bedding out of the greenhouse.
<i>Centaurea candidissima</i> .....1,000 \$2	hhP	1	wh. fol	10	
" <i>Clenentei</i> .....	"	1	"	10	
" <i>gymnocarpa</i> ..... $\frac{1}{2}$ oz. \$2	"	1	"	10	Showy annuals, for mixed beds or borders. <i>Double Golden and Burridgei</i> are very handsome. <i>Chrys. indicum</i> and <i>pompon</i> are beautiful. Fall flowering <i>Chrysanthemums</i> .
<i>Chrysanthemum</i> annual mixed.....	hA	2	various	5	
" " double white.....	"	1	white	5	
" " golden.....	"	1	orange	15	
" " indicum fl. pl.....	"	1	various	10	
" " <i>Burridgei</i> imp.....	hP	3	"	10	Superb strain; large flowers of beautiful form and color.
" " <i>pompon</i> fl. pl.....	"	2	"	10	
<i>Cineraria hybrida</i> choicest mix'd.....	gP	1 $\frac{1}{2}$	"	50	
" " dwarf mixed.....	"	$\frac{3}{4}$	"	25	New varieties, large double flowers.
" " double new.....	"	1 $\frac{1}{4}$	"	75	
" " <i>maritami</i> .....	hA	1 $\frac{1}{2}$	yellow	5	Silver foliage bedding plant.
<i>Clarkia puchella</i> .....	"	1	pink	5	Very pretty free flowering annuals.
" " mixed varieties.....	"	1	various	5	
* <i>Clianthus Dampieri</i> .....	gs	4	scarlet	15	Beautiful greenhouse plant.
<i>Cobaea scandens</i> .....	hhP	20	purple	5	Rapid growing handsome climber.
<i>Coxcomb</i> dwarf, crimson.....	hha	1	crimson	10	Exceedingly handsome plants. The dwarf varieties are excellent for pot culture. The <i>Glasgow</i> and <i>New Empress Coxcomb</i> are new and very fine.
" <i>Glasgow Prize</i> .....	"	$\frac{3}{4}$	purple	10	
" <i>New Empress</i> .....	"	1	crimson	10	
" <i>New Japan</i> .....	"	3	scarlet	10	
" feathered, mixed.....	"	3	various	5	
<i>Coleus</i> from newest varieties.....	tP	2	var. fol	25	One of the most effective plants in carpet bedding.
<i>Collinsia bicolor</i> .....	hA	1	pur. wh	5	Attractive annuals; if sown in Fall will flower early in Spring.
" mixed varieties.....	"	1	various	5	





CONVOLVULUS MINOR



COWSLIP



DIANTHUS

NAME	Hardness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS.
Convolvulus major.....oz. 15c	ha	10	various	5	} C Major (Morning Glory) is one of the best known climbers.
"    minor.....oz. 30c	"	1	"	5	
"    Mauritanicus.....	hhp	spr.	lavender	10	
Cowslip English.....	hp	3	mixed	5	} Favorite Spring flower.
Cyclamen Persicum.....	hhp	3	"	10	
"    extra choice.....	"	3	"	25	
"    giganteum.....	"	3	"	25	} Beautiful sweet scented greenhouse plants.
Cypress Vine Scarlet.....oz. 50c	ta	10	scarlet	5	} Well known beautiful climbers.
"    scarlet, ivy leaved.....oz. 50c	"	10	white	5	
"    white.....oz. 50c	"	10	div.	5	
"    mixed.....oz. 50c	"	10	"	5	
*Dahlia finest double.....	hha	6	various	5	} Stately autumn flowering plants.
"    Lilliputian varieties.....	"	4	"	25	
"    single mixed.....	hhp	3	"	10	
Daisy double.....	hp	4	"	5	} Finest mixed.
Datura chloranta, double.....	hha	3	yellow	5	} Very showy trumpet-shaped flowers.
"    meteloides.....	"	3	w. & b.	5	
Delphinium formosum.....	hp	2	blue	5	} Splendid plants for large borders
"    nudicaule.....	"	1	scarlet	10	
Devil-in-a-Bush.....	ha	1/2	b. & w.	5	} Curious and pretty.
*Dianthus Chenensis, double.....oz. 75c	hp	1	mixed	5	} Fine variety of China Pink; should be in every garden.
*    "    Heddewigii.....	"	1	"	10	
*    "    diadematus, double.....	"	1	"	10	} Hyacinth Bean; free growing climber.
Dolichos lablab.....oz. 40c	ta	10	purple	5	
"    "    alba.....	"	10	white	5	
Erythrina crista galli.....	hhp	4	scarlet	10	} Coral plants with handsome spike of blossoms.
"    coralodendron.....	"	6	"	25	
Epacris finest mixed.....	gs	2-3	various	50	} Fine greenhouse plants.
Erica finest mixed.....	"	1-2	"	25	} Cape Heaths.
Eringium Leavenworth.....	ha	2	purple	10	} Beautiful and curious plant.
Eschscholtzia Californica.....	"	1	yellow	5	} Useful bright looking plants.
"    Mandarien.....	"	1	crimson	10	
Everlasting flowers.....	ha	2	various	5	} For Winter boquets.
Ferns mixed varieties.....	gp	2-3	foliage	25	} Beautiful foliage.
Forget-me-not.....	"	"	"	5	} See Myosotis.
Foxglove (Digitalis).....	hp	3	various	5	} Showy mixed varieties.
*Four-o'clocks (Mirabilis) oz. 30c	hhp	2	"	5	} Well-known useful plants.
Fuchsia.....	"	3-6	"	25	} Beautiful greenhouse plants.
*Gaillardia mixed.....	"	2	"	5	} Beautiful for border or pots.
Geranium zonale, mixed.....	"	1 1/2	"	10	} Finest mixed varieties.
"    Apple scented.....	"	1	pink	25	
"    Pelargonium, mixed.....	"	1 1/2	various	50	



EVERLASTING

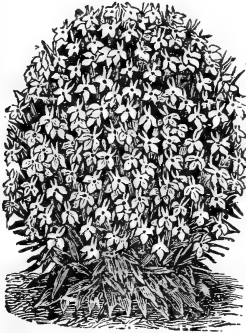


GAILLARDIA



HOLLYHOCK

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS.
* <i>Gesneria</i> finest mixed	gP	1	various	25	Splendid hothouse plants.
<i>Glaucium</i> corniculatum	hP	2	yellow	5	
<i>Gloxinia</i> finest mix d	gP	1/2	various	50	A fine ornamental plant.
<i>Godetiae</i> Whitney	hA	1 1/2	rose	5	Charming house plant.
" Lady Albemarle	"	1 1/2	crimson	5	Brilliant, profuse flowering hardy annuals.
Golden Feathered					
Gourd Apple	tA	10	yellow	5	See <i>Pyrethrum aureum</i> .
" Bottle	"	10	"	5	
" Dipper	"	10	"	5	
" Hercules' Club	"	10	"	5	
" Miniature	"	10	"	5	
" Sugar Trough	"	10	"	5	
" mixed	"	10	"	5	
<i>Helianthus</i> globosus	hA	6	orange	5	Superb double Sunflower.
<i>Helichrysum</i> Bacteatum Im-	hA	2		5	For winter bouquets.
mortelle mixed	hA	2		5	Well known, fragrant plants.
<i>Heliotrope</i> mixed varieties	hbP	1	various	5	Sow in June or July for flowering the next Summer.
* <i>Hollyhock</i> double mixed	hB	6		5	
" finest mixed	"	6		25	
" pure white	"			10	Curious and pretty.
Ice Plant	hhA	spr.	white	5	
<i>Ipomoea</i> coccinea	"	10	scarlet	5	Very beautiful free flowering climbing vines for outdoor or greenhouse culture.
" Bona Nox	"	10	white	10	
" variegata	"	10	marbled	5	
" leptophylla	hP	5	various	10	
" Quamoclit	tA	10	purple	5	
" " alba	"	10	scarlet	5	
Japanese Morning Glory	A	15	varieg'd	5	The popular Cypress Vine.
<i>Lantana</i> mixed varieties	hhP	3	various	5	Good for pot or outdoor culture.
Larkspur Dwarf Rocket oz. 40c	hA	1	"	5	Fine free flowering plants of various beautiful colors.
" Branching	"	2	"	5	
" Emperor	"	1 1/2	"	10	
<i>Leptosiphon</i> roseus	"	"	rose	5	Extremely pretty dwarf free flowering plants.
" densiflorus albus	"	"	white	5	
<i>Liatrix</i> pycnostachya	hP	4	pink	10	Kansas Gay Feather.
<i>Linum</i> grandiflorum; scarlet	hhA	3	scarlet	5	Scarlet Flax, very brilliant.
" flavum	hP	1	yellow	5	
<i>Lobelia</i> gracilis	hhA	spr.	blue	10	A charming class of dwarf growing plants for ribbon borders, hanging baskets, rock work etc.
" Paxtoniana	"	"	b. & w.	10	
" speciosa	"	"	blue	10	
" mixed varieties	"	"	"	5	
<i>Lophospermum</i> scandens	"	10	rose	10	Climber, trumpet shaped flowers.
Love-Lies-Bleeding	hA	3	crimson	5	



LOBELIA



MOONVINE



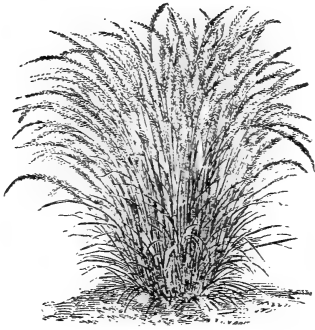
NASTURTIUM

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS
Love-in-a-Mist	hA	1	blue	5	Curious and pretty.
Lupinus Cruikshanki	"	3	b. w. yel	5	
" hybridus insignis	"	3	dark red	5	Among the handsomest easily grown garden annuals. To produce fine plants, start on heat, plant separately in pots and turn out into rich soil.
" subcarnosus	"	1½	r. p. b.	5	
" polyphyllus	hP	3	blue	5	
" mixed annual	hA	3	various	5	
Marigold African	"	2	mixed	5	
" French Dwarf	"	1	"	5	Fine class of plants for mixed beds or borders.
*Marvel of Peru	hhP	2	"	5	
Maurandya alba	"	10	"	15	Four O'clock.
" Barclayana	"	10	purple	10	
" mixed	"	10	various	10	
Mignonette large flowered oz. 25c	hA	1	buff	5	One of the most interesting and useful of climbing plants.
" pyramidal " oz. 40c	"	1	"	5	
" New Giant pyr'al oz. 50c	"	1½	"	5	
" Miles' Spiral	"	1	"	10	
" The Prize oz. 50c	"	1	"	10	
" New Dwarf compact	"	1	"	10	
" Bird's Impr'd oz. 0c	"	1½	yellow	10	
" Golden Queen	"	1	"	10	
Mimosa Pulca Sensitive plant	"	"	"	5	The vines are covered with immense white flowers, 6 inches or more across.
Moon Vine	"	20	white	5	
*Mimulus hybridus	hhP	1	various	5	Musk Plant.
* " moschatus (Musk Plant)	"	½	yellow	5	
Myosotis palustris	hP	1	blue	5	M. moschatus is the well-known Forget-me-not. These beautiful little flowers succeed best in moist situations.
" alba	"	1	white	10	
" dissitiflora	"	½	dk. blue	15	
" alpestris	"	spr.	blue	5	Plant of great beauty, blooming profusely in poor soil. The tall varieties are excellent climbers for covering old walls, trellises, etc.
Nasturtium King of Tom Thumbs	hA	1	scarlet	5	
" Tom Thumb, yellow	"	1	yellow	5	
" Crystal Palace Gen.	"	1	sul. spt.	5	
" King Theodore	"	1	black	5	
" Ruby King	"	1	carmine	5	
" Dwarf, mixed oz. 10c	"	1	various	5	
" Tall, mixed oz. 10c	"	6	"	5	
Nemophila insignis	"	1	blue	5	Very pretty free blooming dwarf annuals.
" maculata	"	1	spotted	5	
" mixed colors oz. 40c	"	2	various	5	
Oenothera	hhP	2	"	10	Evening Primrose.



PETUNIA

NAME	Hardness and Duration	Height in Feet	Color	Price per Packet.	OBSERVATIONS.
*Pansy mixed colors...oz. \$1 50	hP	1/2	various	5	Valuable early Spring blooming plants. Bugnot's International Pansy is a splendid new strain.
* " finest mixed...oz. \$2 50	"	1/2	"	5	
* " Odier or blotched	"	1/2	"	15	
* " Emperor William	"	1/2	blue	15	
" White	"	1/2	white	15	
" King of the Blacks	"	1/2	black	15	
Passiflora coerulea	hP	10	various	5	Handsome flower spikes.
Penstemon mixed varieties	"	2	blue	10	Bronze purple foliage.
Perilla Nankinensis	hha	2	purple	5	Passion flower.
*Petunia fine mixed...oz 75c	hhP	2	various	5	Beautiful bedding or pot plants producing a great variety of charming colors and continuing in bloom all Summer.
* " finest striped and blotched	"	2	"	25	
* " double	"	2	"	25	
* " new double tinged	"	2	"	50	
* " Countess of Ellesmere	"	2	pr. & w.	5	
* " nyctaginiflora	"	2	white	5	
Phlox Drummondii alba	hha	1	"	10	The P. Drummondii is one of our very best annuals, noted for richness of color, profuseness of blossom, and length of duration in bloom. No garden should be without a bed of it.
" " coccinea	"	1	scarlet	10	
" " atropurpurea	"	1	d. purple	10	
" " Black Warrior	"	1	d. red	10	
" " Leopoldi	"	1	d. red	10	
" " grandiflora spi	"	1	w. er	10	
" " mixed oz. 75c	"	1	sc. & w	10	
Picotee fine mixed	hhP	2	various	50	Rich and beautiful colors.
" extra choice	"	2	"	50	
*Pink Chinese, double...oz. 75c	hB	1 1/2	"	5	See Dianthus.
Polyanthus choice	hP	"	"	25	Lovely Spring flower.
Poppy finest mixed double	hA	1	"	5	Very beautiful hardy perennials.
" Shirley	"	1 1/2	tinted	5	
Portulaca Bedmanii	hha	1/2	white	10	This popular annual is unrivaled for brilliancy of color, and is of the easiest culture: the double varieties are especially beautiful, resembling miniature roses in form.
" Pheasantii	"	1/2	salmon	5	
" golden striped	"	1/2	striped	5	
" splendid	"	1/2	purple	5	
" alba	"	1/2	white	5	
" Thellusoni	"	1/2	scarlet	5	
" Thorburnii	"	1/2	yellow	5	
" mixed single...oz. 50c	"	1/2	various	5	
" double finest	"	1/2	"	5	
Primula Sinensis fringed, red	gp	1/2	red	50	
" " white	"	1/2	white	25	
" " striped	"	1/2	striped	50	
" " mixed	"	1/2	various	25	
" " double white	"	1/2	white	75	
" " red	"	1/2	red	75	
" " mixed	"	1/2	mixed	75	

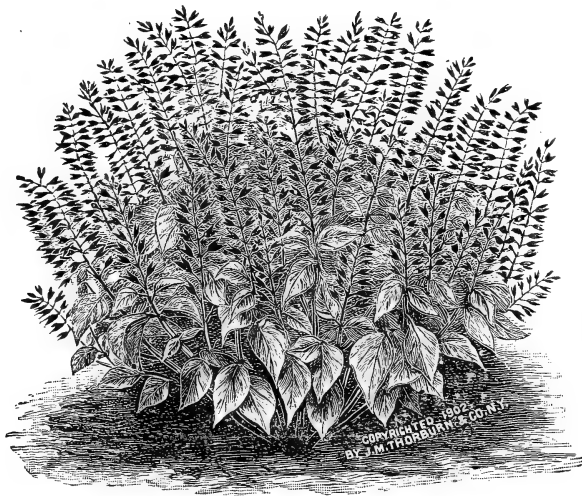


SENSITIVE PLANT



STIPA

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
*Pyrethrum carneum	hA	11	flesh	10	The Insect powder Plant valuable as bedding plants.
* " Golden Feather	"	5	yellow	5	
* " " Gem	"	5	"	5	
Rocket Sweet white	"	2	white	5	Free flowering fragrant perennials.
" purple	"	2	purple	5	
" mixed	"	2	mixed	5	
Ricinus Borboniensis arboreus	hha	15	violet	5	Stately plants, with large, handsome foliage; fine in groups or as single specimens.
" Duchess of Edinburgh	"	8	"	5	
" Gibsoni	"	5	red fol.	5	
" sanguineus	"	8	"	5	
" mixed varieties, oz. 30c.	"		various	5	
Salpiglossis mixed	hha	1	"	5	Very showy.
Salvia Splendens	hhP	3	scarlet	25	Splendid free flowering ornamental plants.
" alba	"	3	white	25	
" patens	"	3	blue	10	
Sanvitalia procumbens fl. pl.	hA	spr.	yellow	5	Free blooming trailing plant.
Saponaria calabrica	"	1	pink	5	Pretty, compact growing plant.
*Scabiosa dwarf double	hB	1½	various	5	Sweet Scabiosa, very pretty, useful for bouquets.
" candidissima	"	2	white	5	
Sensitive Plant	tA	1	pink	5	Curios and interesting.
Silene pendula compacta	hA	¾	"	10	Charming dwarf compact plant.
Smilax (Myrsiphyllum)	gP	6	white		Charming greenhouse climber.
Snapdragon					See Antirrhinum.
Solanum capsicastrum	hhP	1	sc. fruit	5	Ornamental fruit bearing plants, charming as pot plants.
" Weatherill's hybrids	biv.		various	5	
Stock German Ten Weeks mixed	hha	1	"	10	These much admired fragrant flowers are everywhere popular their handsome spikes of double flowers lasting a long time in bloom. Desirable for pot culture or bedding. Seed may be sown at any time. For outdoor culture transplant when small; plant in rich soil, with mixture of lime and rubbish.
" " large flowering	"	1	"	15	
" " dwarf pyramid	"	1	"	15	
" " pure white	"	1	white	15	
" " blood red	"	1	b. red	15	
" " canary yellow	"	1	yellow	10	
" " Wallflower leaved	"	2	various	10	
" Intermediate white	hhB	2	white	10	
" " crimson	"	2	crimson	10	
" Brompton or winter	"	2	mixed	10	
" Emperor or Perpetual	hhP	2	"	5	
Sweet Pea Navy Blue	hA	5	pure bl.	5	
" Pink Friar	"	5	pink	5	
" Mars	"	5	scarlet	5	
" Blanche Ferry	"	5	p. pink	5	
" Blanche Burpee	"	5	lg. white	5	
" Dorothy Tennant	"	5	monce	5	
" Emily Eckford	"	5	hel'trope	5	
" Mrs. Eckford	"	5	yellow	5	



SALVIA SPLENDENS



VIOLET

NAME	Hardiness and Duration	Height in Feet	Color	Price per Packet	OBSERVATIONS
Sweet Pea Finest Mixed.....	hA	5	various	5	} Very beautiful hardy perennials.
" Dwarf Cupid...oz. 20c	hA	5	"	5	
Sweet William auricula flowered " double mixed.....	hP	1½	mixed	5	
Taconia Van Volxemii.....	gP	6	scarlet	25	} Splendid greenhouse climber. Excellent for bedding.
Tagetes pumila.....	hA	1	yellow	5	
Thunbergia alata.....	hHA	5	buff	10	} Slender, rapid growing climbers with very pretty flowers, which are freely produced.
" alba.....	"	5	white	10	
" Freyeri.....	"	5	orange	10	
" mixed.....	"	5	various	10	
*Torenia Bailloni.....	hHB	1	yellow	25	} Charming pot plants for easy cul- ture.
*    " Fournieri.....	"	1	blue	25	
Tritoma Uvaria.....	hHP	4	red	10	} Red-hot Poker plant.
Tropaeolum Lobbianum...oz. 10	hBA	6	various	10	
" Spittfire.....	"	6	scarlet	10	} Brilliant climbing plants for verandas, trellis, large vases etc.
" peregrinum can. b fl	"	10	yellow	5	
*Verbena mammoth mx. oz. \$2.00	hHP	spr.	various	5	} The Verbena is deservedly the universal favorite. The seed of the finest mixed is from the finest flowers in cultivation.
*    " finest mixed oz. 5.00	"	"	"	5	
*    " scarlet.....	"	"	scarlet	10	
*    " white.....	"	"	white	10	} Fine as pot plant in Winter, or for the border in Summer.
*Vinca alba.....	tP	2	"	10	
*    " rosea.....	"	2	rose	10	
*    " alba oculata.....	"	2	d. eye	10	
*Violet sweet scented.....	hP	½	blue	10	} Delightfully fragrant.
*    " The Czar.....	"	½	"	5	
Wallflower single.....	hHP	2	mixed	5	} An old-fashioned fragrant.
" double.....	"	2	"	10	
*Whitlavia grandiflora.....	hA	1	purple	5	} Pretty bell-shaped flowers.
*    " gloxinoides.....	"	2	b. & w,	5	
Wild Cucumber.....	"	20	white	5	} A fast-growing ornamental vine. Mixture of fine annuals and per'ls
Wild Flower Garden.....	"	"	"	5	
Zinnia elegans double...oz. 50c	hHA	5	mixed	5	} Brilliant flowers of many shades of colors.
" haageana fl. pl.....	"	10	orange	10	

### AMMONIATED FLOWER FOOD

A dressing made expressly for plants grown in the house, garden, or conservatory. Clean, odorless and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants free from vermin.

This Ammoniated food was the first odorless chemical preparation made and sold in this country. It is made expressly for flowers grown in the house, garden, or conservatory, and contains the same plant food as stable dressing, but in a cleaner and more soluble form.

Price 15 cents per package



**ROSEBUSHES, BULBS ETC.**

**Hardy Roses.** Two year old. Holland grown, our own Importation. We carry the largest assortment of **Rosebushes** in the state. Both hardy and ever blooming we append a partial list of the varieties we carry in stock for immediate delivery—they will produce a full crop of blooms the first summer.

**American Beauty.** Rich, rosy-crimson. Very large.

**F. K. Druschki, White American Beauty.** Very large, pure snow white.

**Baroness Rothschild.** Bright, rosy pink. Immense size.

**Crimson Rambler.** Immense cluster bright red flower—very quick grower and hardy.

**Thalia, White Rambler.** Same as Crimson, cut with pure white blooms, hardy.

**Aglaya, Yellow Rambler.** Yellow blooms in big clusters, hardy.

**Euphrosine, Pink Rambler.**

**Gen'l. Jack.** Large, brilliant blood red blooms. Fine Bloomer.

**La France Pink.** One of the sweetest and most beautiful roses grown. Large, silvery pink. Blooms till frost.

**La France Red.** Large blooms of brilliant rose pink almost crimson.

**La France White.** Same as above two, but blooms are pure white. Very free bloomer.

**Marechal Neil.** Large, clear yellow. Ever bloomer.

**Magna Charta.** Rosy crimson, Large buds and blooms.

**Mrs. John Laing.** Clear shining pink, beautifully shaded.

**P. des Blanches.**

**U. Brunner.** Cherry red.

**Perle de Lyon.** Deep golden. Ever bloomer.

**Paul Neyron.** Dark rose, very large and fragrant.

Price 15c. each.

**Tube roses.** One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year around. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border, plant about the middle of May or as soon as the ground becomes warm. 1c. and 2c. each.



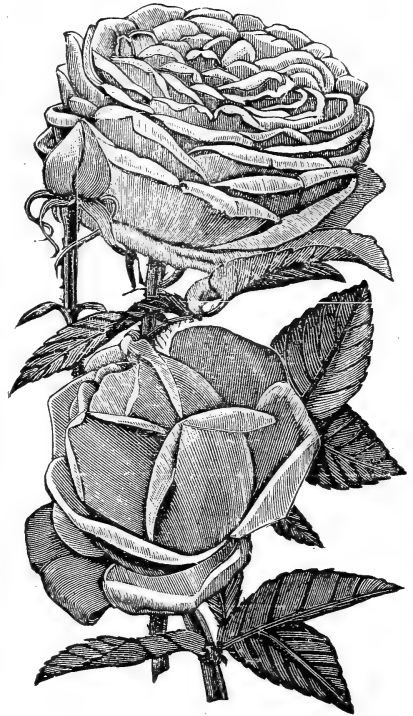
TUBE ROSE

**Gladiolus, Extra Fine Mixed.** With a view to supplying a high grade mixture at moderate prices we have had grown for us by Gladiolus specialists good quantities of some of the choicest named kinds for this mixture, and shall use with them some of Child's hybrids and other best mixtures which will insure a large variety of shades and colors. This is truly a banner strain. Price 3c. each; 25c. dozen.

**Dahlias.** Our Dahlia roots are exceptionally fine this year, being Southern grown, and true to name and color. We carry a large assortment of colors. 10c. each.

**Caladium Esculentum.** Elephant's ears. One of the most effective and easily grown plants for the lawn or flower border. Will thrive in any ordinary garden soil, but to get the best results plant in rich soil and give plenty of water. 5c. 10c., 15c. each.

**Paeonies.** No other plant flowering at the same season can vie with the Paeony for beauty. They are perfectly hardy, requiring no protection whatever are not troubled with insects or disease, and once planted take care of themselves. Price 20c. each.



TEA ROSES.



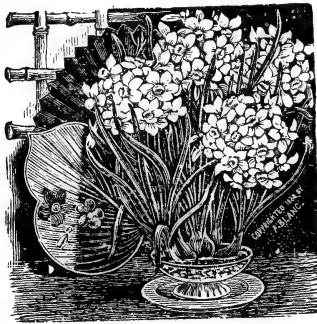
GLADIOLUS



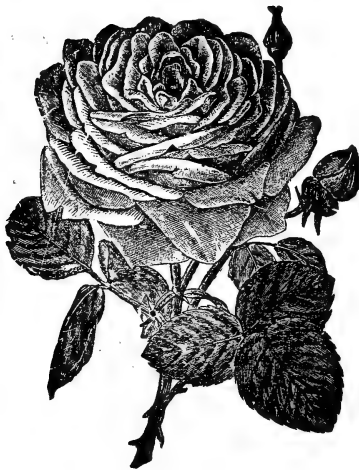
DAHLIAS



HYACINTHS



NARCISUS



ROSES—LARGE ASSORTMENT

**BULBS—Continued**

- Cannas.** Extra strong roots 5c. each.
- Rhododendrons.** Fine large plants. Holland Grown, \$1.00
- Hydrangeas,** fine quality, Holland Grown.
- Snow Ball.**
- Clematis,** for verandas and trellises, Holland Grown.

**Flowering Bulbs for Autumn Planting**

Being pioneers in the Bulb line for over fifty years we are in a position to give you the best value for the least money. It is poor economy buying unreliable Bulbs, for its simply love's labor lost. We want to gain your confidence, and if once gained, we assure you we will retain it and give you what you ask for without substituting.

**HYACINTHS**

- Hyacinths, Double.** Light blue, white, dark blue and yellow.
- Hyacinths, Single.** Blue, pink, yellow, white.
- Hyacinths, Roman.** Blue pink, white, etc.

**TULIPS**

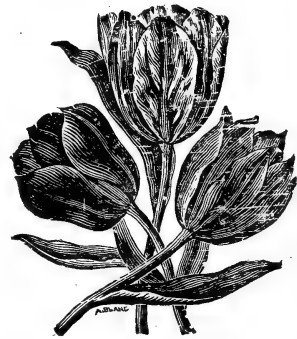
- Tulips, Single.** Mixed.
- Tulips, Double.** Mixed.
- Tulips, Single Chrysolora** Yellow.
- Tulips, Single Artus Red.**
- Tulips, Single La Immanuelae.** White.

**NARCISUS**

- Narcissus, Single.** Mixed.
- Narcissus, Double.** Mixed.
- Narcissus, Von Sion Double.** Yellow.
- Narcissus, Paper white,** single white.
- Narcissus, Trumpet Major, Single.** Yellow.
- Narcissus, Double.** White.
- Crocus.** Blues, striped, white and yellow.
- Lillies, Easter,** (Lillium Hanisu.)
- Lillies, Calla.**
- Lillies, Chinese.**
- Snowdrops.**
- Jonquiles.**
- Freesia.**
- Oxalis, etc.**



HYACINTHS



TULIPS



EASTER LILLIES

**PRICES OF GARDEN ARCHES AND VERANDA TRELLISES**

VERANDA TRELLISES

TRELLIS

**GARDEN ARCHES**

Height	Width	Span	Price each Painted Green
5 feet	12 inches	2½ feet	\$ 4 00
6 "	12 "	2½ "	4 50
8 "	18 "	4 "	8 00
8 "	36 "	4 "	12 00

**VERANDA TRELLISES**

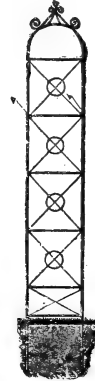
Any size Arbor or Trellis made to order

Height	Width	Price each
5 feet	13 inches	.....
6 "	12 "	..... 1 50
8 "	18 "	..... 2 50
10 "	18 "	..... 3 50
12 "	18 "	..... 5 00

Arches are crated knocked down for shipment

**THE WHEELOCK TRELLIS**

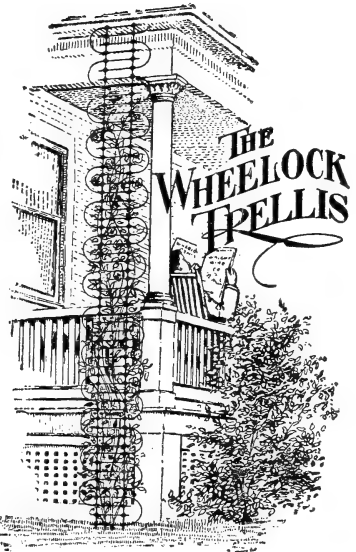
13 inches wide	.....	10 cents a foot
19 " "	.....	12 " "



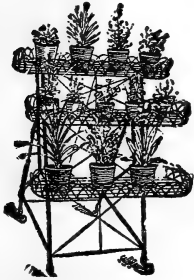
**FLOWER BED GUARD**

16 inches high	10 cents a foot
22 " "	12 " "

Dahlia Poles, 2 ft. 3 ft. 4 ft. 5 ft. 6 ft.  
5c 8c 10c 12c.

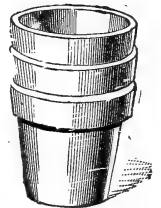
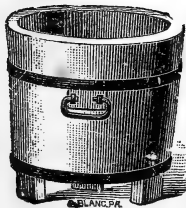


**WIRE AND WOOD FLOWER STANDS**



Step	Material	Height	Price
1	Wire	24 in.	\$1 00
1	"	30 "	1 75
2	"	"	2 50
3	"	"	3 50
3	Wood	"	1 00
4	"	"	1 75

Tree Tubs.	No. 1 Round	.....	\$0 98
"	" 2 "	.....	1 39
"	" 3 "	.....	1 75
"	" 4 "	.....	2 50
"	Small Square	.....	98
"	Medium "	.....	1 39
"	Large "	.....	1 50

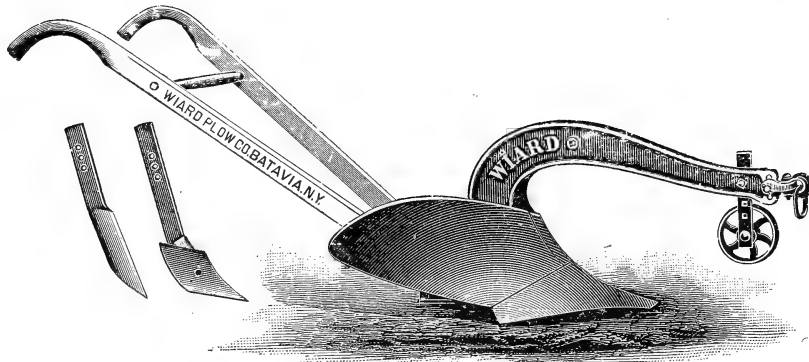


Flower Pots. Finest quality machine made in sizes 2½ inches to 14 nches.

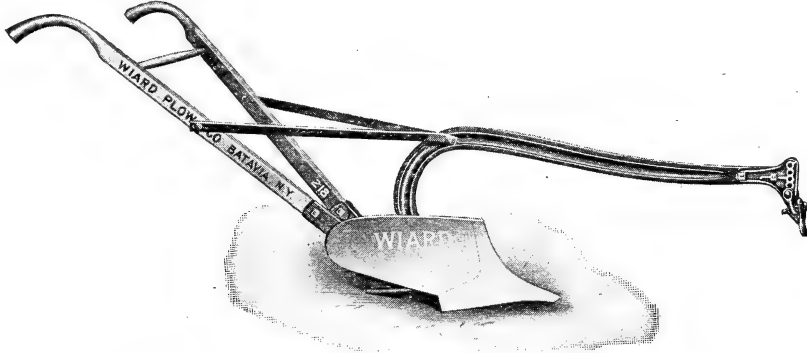
Inurated Fiber Rolling Stands for large flower pots and tree tubs.

Scollay Rubber Sprinklers. 40c, 65c and 1.00. Flowers and Clothes Sprinkler 35 cents.

# THE WIARD PLOW



- No. 100—Right hand with Steel Moldboard, Grooved Steel Beam, light, but very strong.  
 Weight 106 lbs Full rigged.....\$13 98
- No. 43—Same as No. 100, except it has a chilled Moldboard—NEW THIS YEAR—for  
 general purpose, plowing in any soil and under all conditions; it has no equal..... 11 98



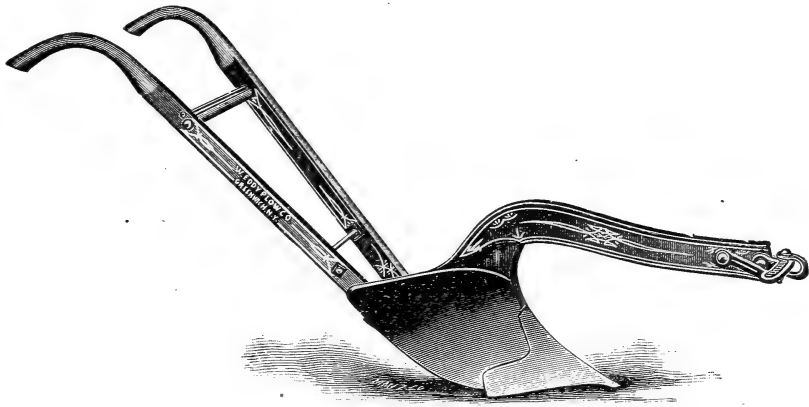
- No. 218—Light Two Horse, Chilled Moldboard, Sloping Landside, with wheel and Jointer.  
 Weight 99 lbs. Price.....\$10.98



- No. 210—New 1-Horse Plow Steel Beam, very fine.....\$5.80
- No. 72—Light Two Horse, Steel Beam, Right hand ..... 11 98
- No. 17—Two-horse Wood Beam, full Rigged, Chilled Moldboard..... 11 90
- No. 62—Small, One-horse, Wood Beam, with Clevis only ..... 3 98
- No. 31—Light One-horse, Wood Beam, with Clevis only..... 5 50
- No. 91—Two-horse, Steel Beam, Right hand..... 11 98
- No. 10—One-horse, Wood Beam, Right-hand, Chilled Moldboard, Adjustable Handles for  
 height and running close to rows ..... 6 50

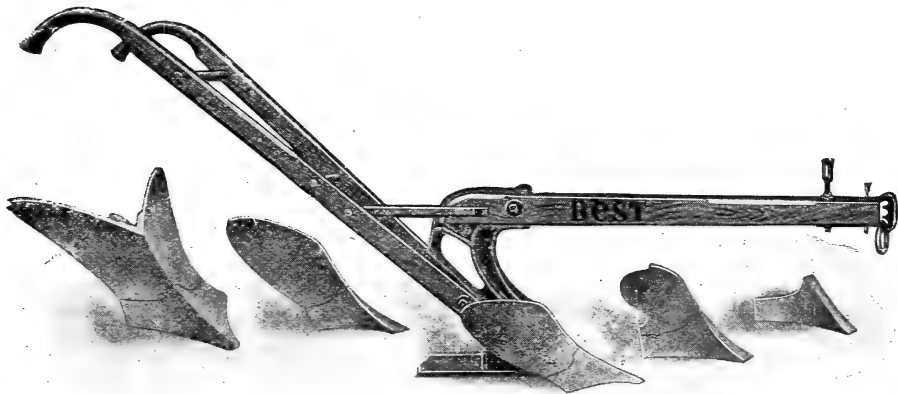
**REPAIRS FOR ABOVE PLOWS ALWAYS IN STOCK**

No. 115x—Swivel, Light Two-horse, Charcoal Iron Beam, Full Rigged with Colter and Adjustable Clevis.....	\$13 15
No. 21—Swivel, One-horse, Cast Moldboard, Wood Beam.....	7 98
Weeder—7½ feet wide, 35 adjustable spring steel teeth.....	7 98



No. 24—One-horse, Cuts 10 Inches, Weight 50 lbs.....	\$5.48
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It has Clevis that permits horse to walk in furrow. An excellent Plow. Low in price, Chilled Iron. Landside chilled on bottom; is very strong and convenient.



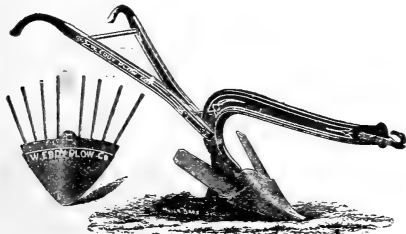
**THE BEST PLOW**

This is the best one-horse convertible Plow ever sold for the use of market gardeners and farmers generally. By changing the Moldboards and Shares that come with the plow, the purchaser actually has four plows in one. Price complete..... \$4 98

No. 1½ Moldboard and Share makes a large one-horse Plow

No. 2½ Moldboard and Share making a medium sized one-horse Plow, a cabbage Moldboard and Share making a complete Cabbage Plow, and by using the Plow without the moldboard with the small Share bolted to the standard, makes a superior Plow for working among cabbage, strawberries, etc.

**MITCHELL POTATO DIGGER AND SHOVEL PLOW COMBINED**



Price with wings only.....	\$5 00
“ “ Potato Digger.....	6 00
“ “ Wing and Potato Digger attachment.....	7 98

This implement should be in the hands of every practical farmer, doing its work easily and in the most perfect manner. By the changing of one bolt it may be converted into a Shovel Plow or Potato Digger. The fingers are adjustable, being held in position by the plow point. Thus in case of breakage, a new part may be inserted without the expense of a whole new head. The fingers, points and wings are of steel, rendering it light strong and durable.

# Darnell' Patent Furrower and Marker

In presenting the numerous merits of this invaluable little implement we would be glad to draw a comparison with another of its kind, but we have seen or heard of nothing but the ordinary scratch sleds which make a mere mark as a guide for the plow which follows, thus increasing the work instead of lessening it.

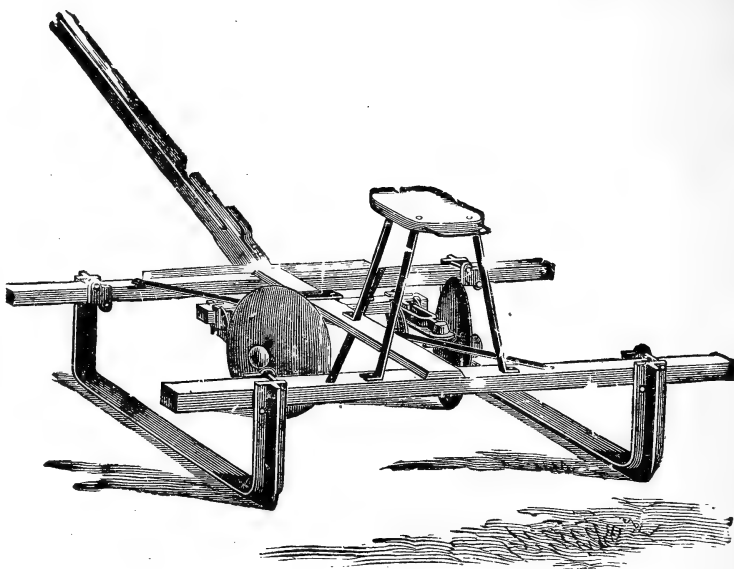
We have a genial ever-borrowing neighbor, however, with whom we might compare notes, and we will just bring him forward with his plow which he is inclined to think is good enough yet. We think you will not fail to notice the difference.

We ride while he walks.

We bring into requisition the services of our boy, if busy ourselves, while nothing short of a man, and a good one, too, can handle the plow.

We open two furrows while he opens one in clean ground, and do it better.

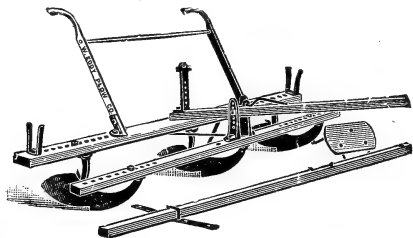
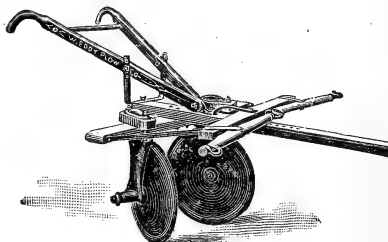
Price \$18.00



## THE EDDY IMPROVED MARKER

## EDDY'S NO. 10 DISC HOE AND COVERER

These Markers have chilled Shoes of Runners with steel wings bolted on, and may be easily replaced when worn. Frames made of seasoned oak firmly braced and bolted together, arranged with holes permitting the adjustment of the shoes to any width desired. Gauge is adjustable and swings to either side. It will save time enough to pay for it in one season, also improve the looks of your fields. Price.....\$11.00



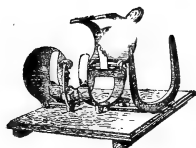
The Eddy Disc Hoe and Coverer have 20 inch steel Discs, adjustable handles and are invaluable for covering and ridging all kinds of row crops. Adjustable in every way it is one of the best implements on the market.

Price.....\$10.00

## ACME ASPARAGUS BUNCHER

A greatly improved pattern with knife guide and adjustable head piece for regulating the length of the bunch. This is the latest pattern, 1907 patent.

Price.....\$1.75





# "Planet Jr." Farm and Garden Tools

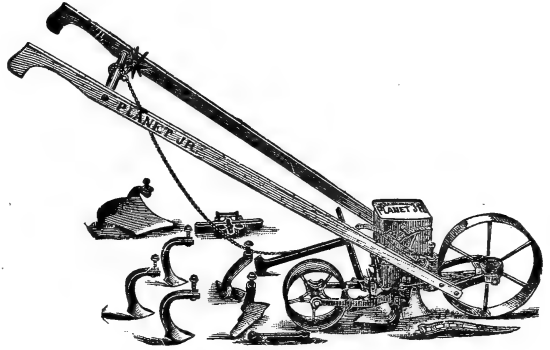
## "Planet Jr." No. 4

COMBINED SEED DRILL SINGLE WHEEL HOE, CULTIVATOR AND PLOW

Price complete \$10 50

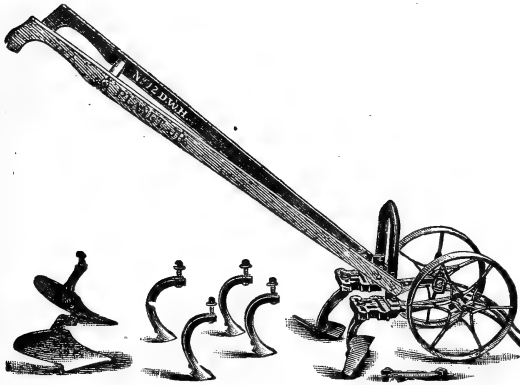
" Hill and Drill Seeder only 8 50

This admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe a cultivator, and a plow. It holds two quarts and as a seeder sows in continuous rows or drops in hills at five different distances. It is thrown out of gear by simply raising the handles. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel



hoe, garden plow or cultivator. It is useful almost every day of the season, at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

## "Planet Jr." No. 12 Double Wheel Hoe Cultivator and Plow



This perfected wheel hoe is invaluable for use in all small crops. Its variety of work is almost incredible. Changes and adjustments of the tools are made with the greatest quickness. It has 11-inch wheels, which can be set at four different distances apart; the frame is malleable, with ample room for tool adjustment and can be set three different heights. The handles are adjustable at any height, and, being attached to the arch, are undisturbed in making changes of adjustment in frame, wheels or tools. The arch is of stiff steel, unusually high; the quick change frame permits the tools to be changed without removing the nuts. All the blades are of tempered and polished steel,

PRICE \$6 50

## "Planet Jr." No. 13 Double Wheel Hoe Price \$4 50

This tool is the No 12 with 6-inch hoes only, these being the tools that are used by everybody. Any or all of the tools shown with No. 12 may be added at any time.



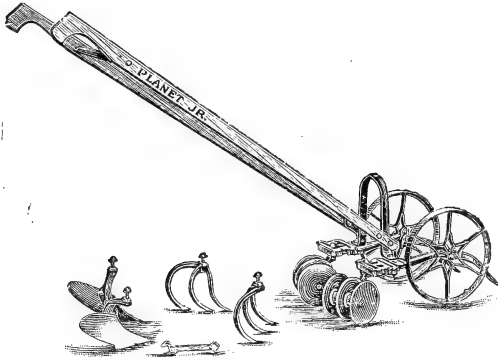
## Planet Jr. No. 17 Single Wheel Hoe, Cultivator and plow

PRICE \$4 75

For easy gardening, and at the same time clean and perfect gardening, the kind that will make your garden the talk of the neighborhood and cause your face to glow with honest pride, nothing is quite the equal of this. No. 17 Single Wheel Hoe. It is suited to all kinds of garden cultivation and all garden crops. You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

## "Planet Jr." No. 18 Single Wheel Hoe. Price \$3.50 Net

This tool has the same frame and handles as No. 17 but has one pair of 6-inch hoes only—the tools that are most constantly used throughout the season. All other tools can be added as needed.



**New No. 14 Planet Jr. Double-Wheel Disc-Hoe, Cultivator and Plow**

Has three adjustable discs on each side, a pair of new-idea pronged cultivator teeth that run shallow next the row, steels for plowing, furrowing and covering, and a pair of leaf lifters

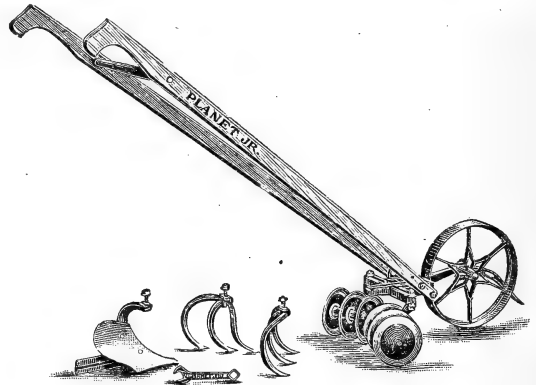
PRICE, COMPLETE, \$8.00 NET

**No. 38 Planet Jr. Single-Wheel**

**Disc-Hoe, Cultivator and Plow**

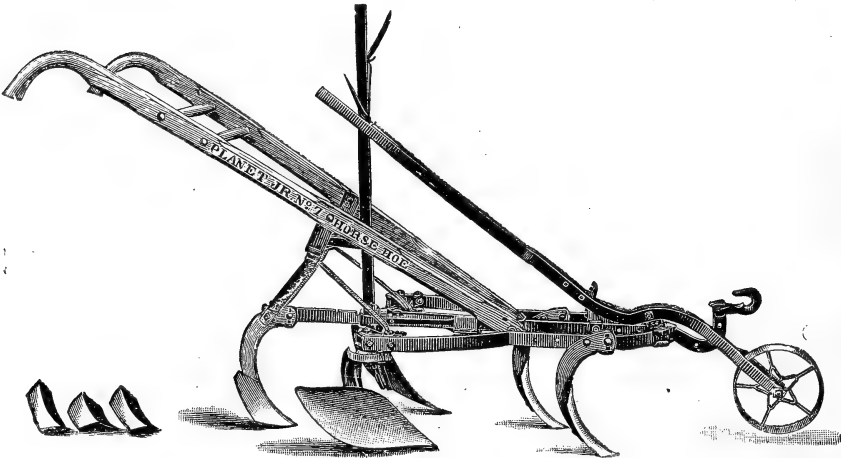
Is a handy tool for quick thorough garden cultivation. The new style cultivator teeth run shallow next the row, and the leaf-lifter prevents injury to plants. Discs are adjustable for depth, and throw to or from the rows.

PRICE, COMPLETE, \$7.00 NET



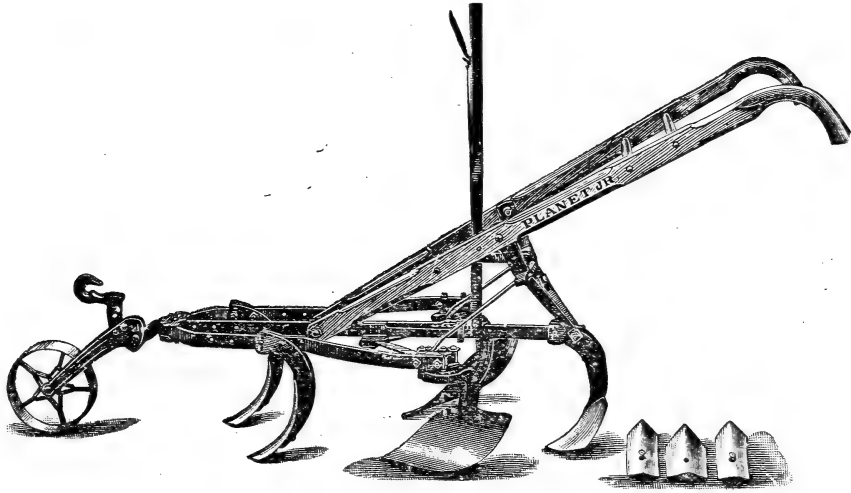
**Planet Jr. No. 7 Horse Hoe and Cultivator.**

**Price \$7.98**



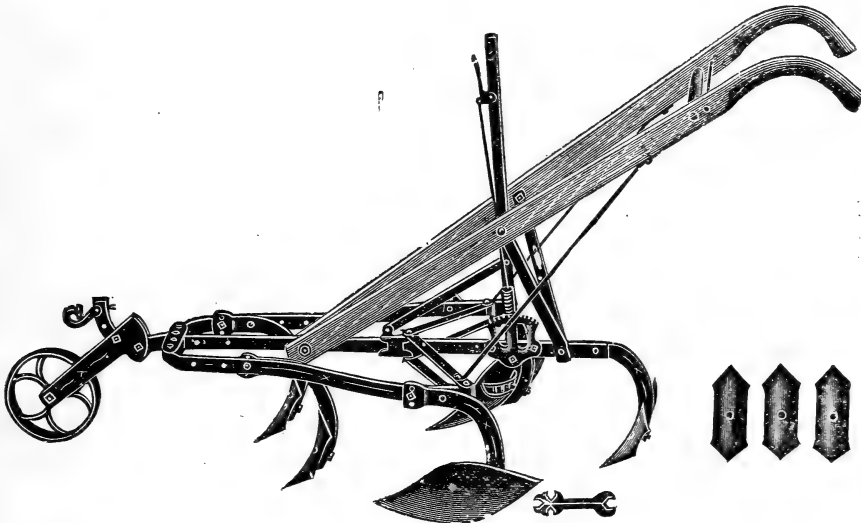
This new cultivator is strongly built to withstand incredible strain, yet it is light and easy to handle. You can do almost anything you want with it in the garden or field. It opens and closes furrows, hoes right up to the plants without danger or injury, throws dirt to and from the row and throws back from center again. You can set the hoes at any angle or reverse altogether, cultivate to any depth desired, and adjust for any width.

PLANET JR. NO. 9 HORSE HOE AND CULTIVATOR. PRICE \$7.25



This Admirable Tool is identical with No. 7, except that it has a piano wheel instead of the lever wheel. It has the high frame, patented hollow steel standards, patent lever Star wheel patent lever expander, and new hollow steel wheel arms.

STEEL HOE AND CULTIVATOR

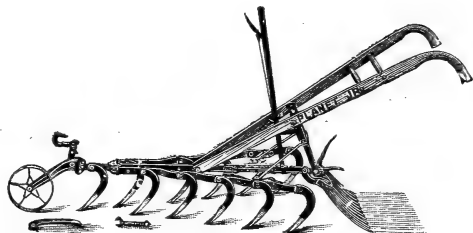


This is our new Steel Hoe and Cultivator. It has an expanding lever with an adjustable wheel. Will find it a first class tool at low price..... \$4.98

PLANET JR. TWELVE-TOOTH HARROW. CULTIVATOR AND PULVERIZER

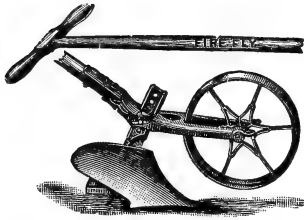
- Price with lever wheel and pulverizer \$3.50
- " with No. 9 wheel . . . . . 6.40
- " less wheel and pulverizer . . . . . 5.70

Gardeners cultivate better than formerly. It has been found to pay best. The farmer or gardener is most likely to cultivate best who has the tool best adopted to his purposes. With the Twelve-Tooth Harrow here shown, you go as deep or shallow as you like, come up close to the row without injuring plants, cut out all the weeds, stir the soil and mellow and fine it as with a garden rake. You widen and narrow as you please between 12 and 32 inches. It's a



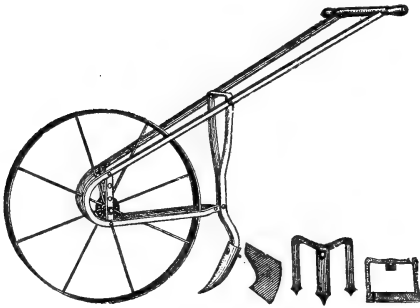
special favorite with strawberry growers, market gardeners and truckers.

**PLANET JR.  
Fire Fly Garden Plow  
PRICE \$2.25**

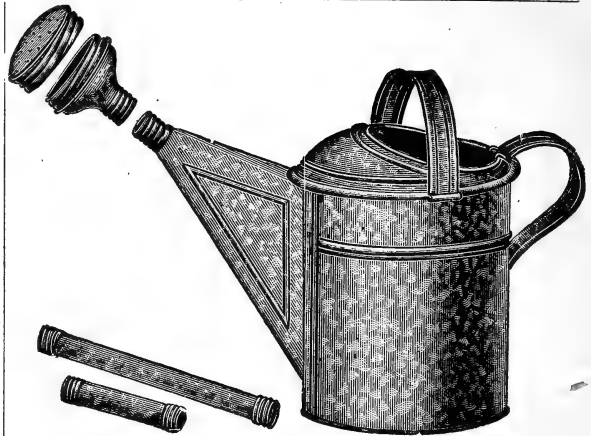
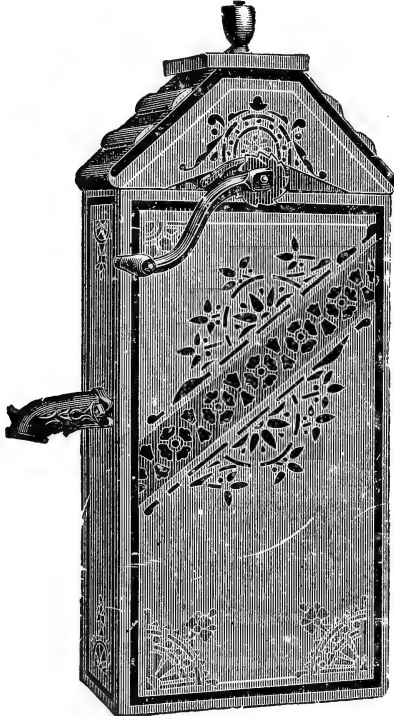


**NEW SINGLE WHEEL HOE**

A First Class Article at a Low Price  
ONLY \$3.98



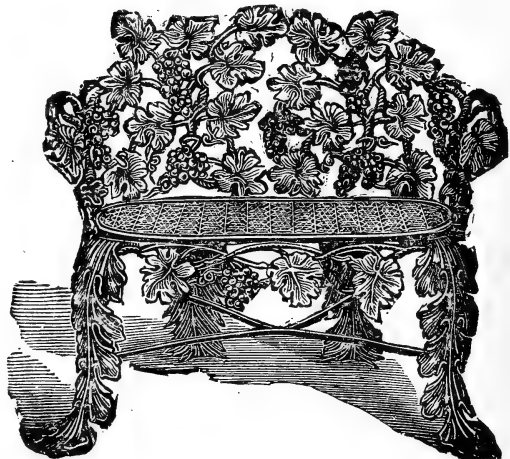
Rubber Bucket Pumps and Extra Fittings



**WATERING POTS**

Japanned .....	15c to 59c
Galvanized .....	35c to 98c
Extention spouts for galvanized cans extra.	

**Muzzy Bros. Settee**



Galvanized Iron Grape Vine, 3 seat....	\$13 50
No. 3 Six feet long, bolted slats.....	4 48

This is a strong, well made and neatly finished Settee. The timber used in its construction is of the best quality, straight grained and tough. Ash is the wood used unless otherwise ordered.

No. 20 Lawn Settee .....	\$0 75
No. 27 Lawn Settee, narrow screwed slats .....	98
No. 28 Lawn Settee, narrow screwed slats, Extra large .....	1 50
Galvanized wire .....	8 50
Galvanized Iron, 1 seat .....	4 00



Six Tine Manure Fork, Strapped, 98c



Five Tine Manure Fork Strapped, 89d



Four Tine Spading Fork. Strapped 75c Plain, 59c



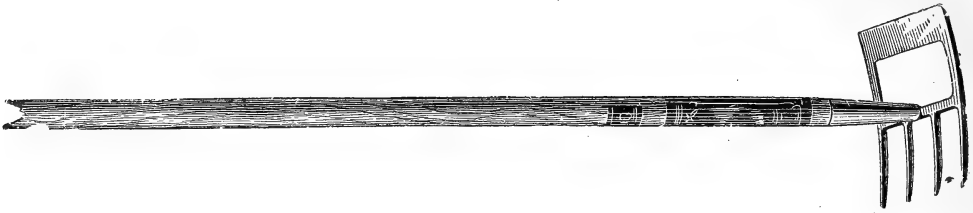
Five Tine Spading Fork, Strapped, 97c



Two Tine Hay Fork, 5 foot handle. 38c



Three Tine Hay Fork, 5 ft. handle, plain 50c. Strapped, 60c. 5 1/4 ft. handle, plain, 55c. Strapped, 65c



Two Prong Onion Hoe, 30c. Four Prong Weeding Hoe, Malleable, 25c.  
Six Prong Weeding Hoe, Malleable 25c.



One Prong Onion Hoe, 25c.

Two Prong Onion Hoe, 30c.



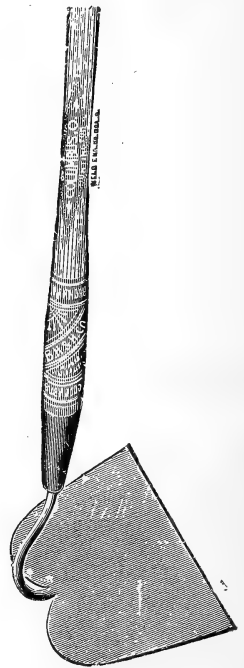
Four Prong Potato Hook 45c.



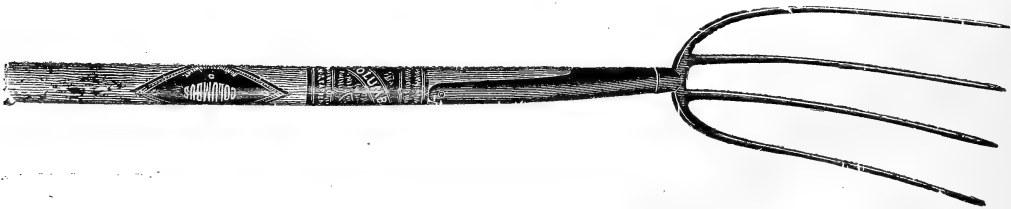
Four Prong Potato Hook, Heavy, 50c.



Six Prong Potato Hook, 60c.



Socket Field Hoe 40c  
Riveted, 25c.



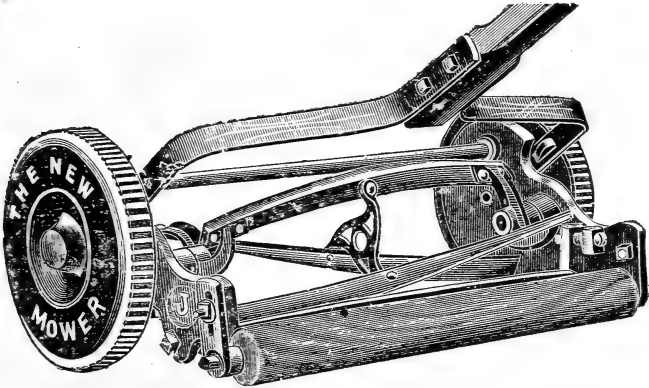
Four Tine Manure Fork, Strapped, 70c. Plain 55c.



# LAWN MOWERS

All of our different styles of Lawn Mowers this year are made by the Philadelphia Lawn Mower Co., the Largest and Best Manufacturers of Lawn Mowers in the World. Our cheapest as well as our most expensive Mowers being made by this firm, we are the **SOLE AGENTS** in this Section of the State.

**THE NEW PATERSON MOWER \$2 25**



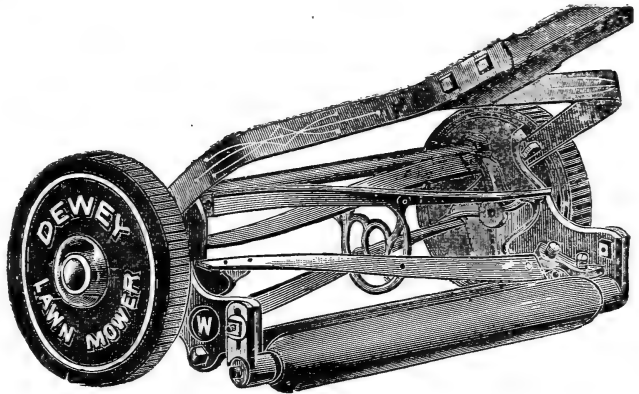
The New Paterson Lawn Mower, 3 blades. Height of driving wheels, 8 inches. Diameter of cylinder, 5½ in. Geared on both wheels. This is the best cheap mower on the market.

Price, all sizes, \$2 25

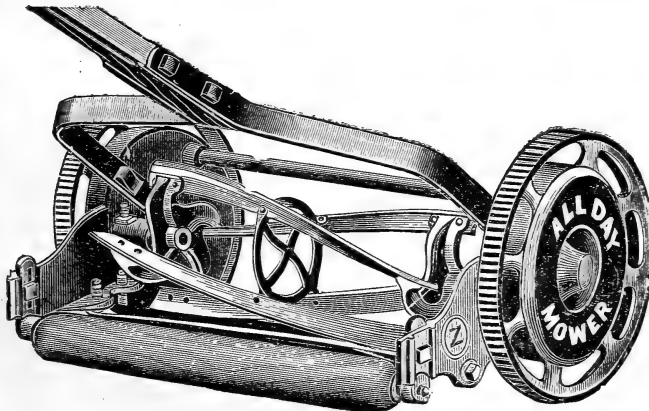
**THE MUZZY LAWN MOWER, \$3.48**

The Muzzy Lawn Mower, 4 blades, height driving wheels 9 inches. Geared on both wheels. Does good work and superior to many of the so-called first class mowers.

Price, all sizes, \$3.48



**MUZZY HIGH WHEEL MOWER, \$4.50 UP**



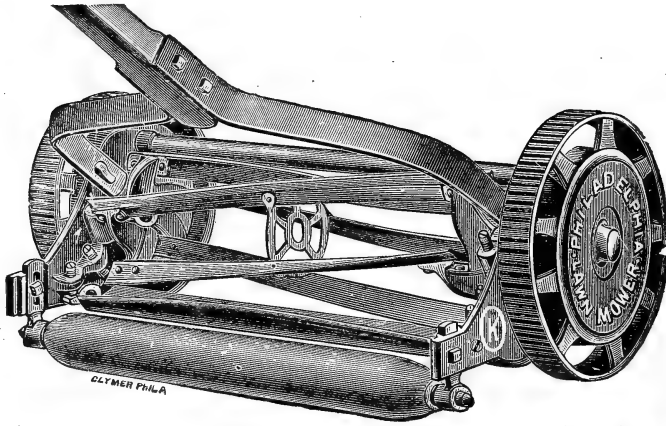
The Muzzy High Wheel Mower, 4 blades, 10 inch wheel.

**Most Popular Ever Made**

Its construction is superior to all others of a like kind.

**PRICES**

14 inch.....	\$4.50
16 inch.....	5.00
18 inch.....	5.00



**PHILADELPHIA MOWERS**

Style K

5 blades, 10 inch wheel.

Best Mower made

**PRICES**

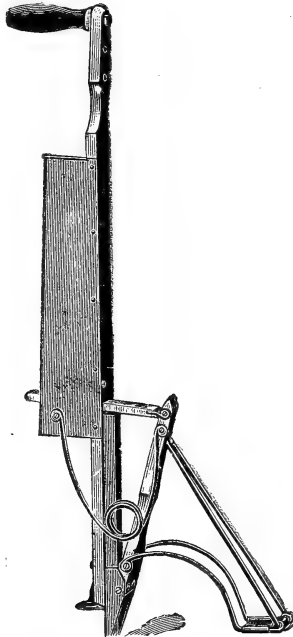
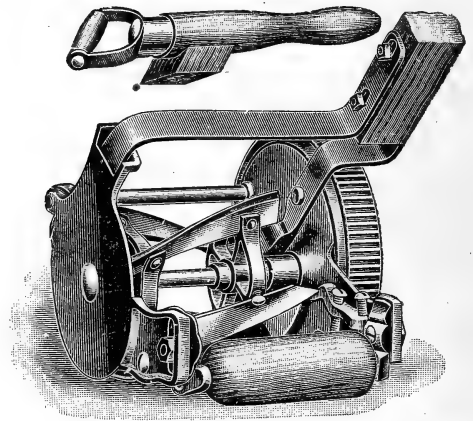
14 inch.....	\$7 50
16 inch.....	8 00
18 inch.....	8 75
20 inch.....	9 50

**LAWN TRIMMER**

For trimming around walks, flower beds, trees posts, monuments and shrubbery, and all places that cannot be reached with any lawn mower.

Cuts within  $\frac{1}{4}$  of an inch of the edge.

PRICE \$4 98

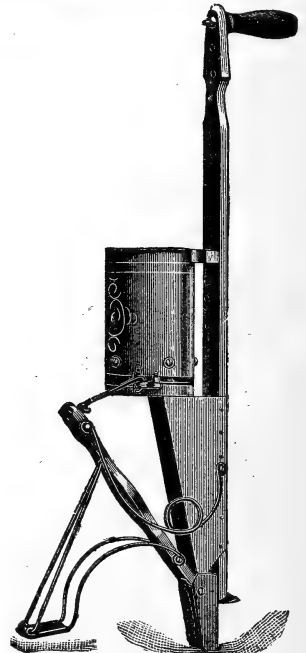


Wiard, \$1.50

**Hand Corn  
Planters  
AUTOMATIC**

Simple—Durable—Economical

The Farmer saves three-fourths the time consumed in the old laborious method of Planting with a hoe by using these tools.

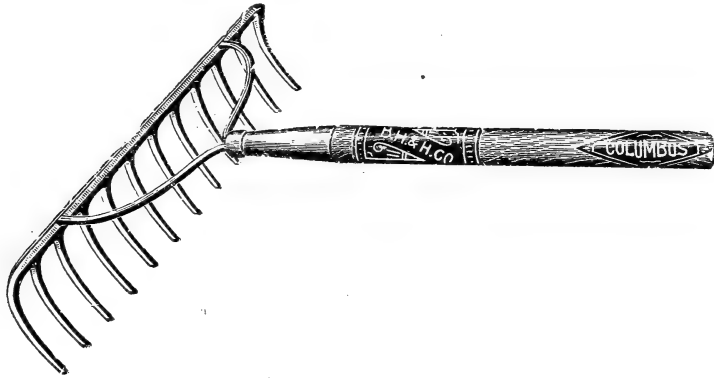


American, \$1.98

## RAKES AND SCYTHES

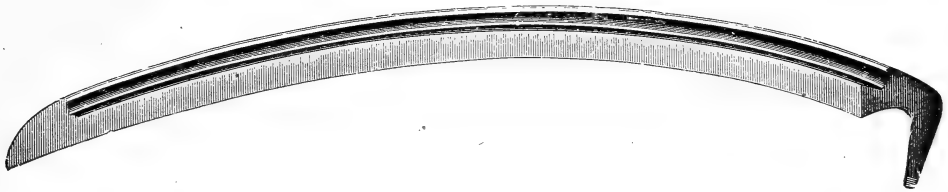
### LAWN RAKES

3 Bow Lawn Wood Bows.....	\$0 35	10 Tine Malleable Rake.....	\$0 19
Wire Lawn Rakes.....	35	12 Tine Malleable Rake.....	20
3 Bow Lawn Wire Bow.....	38	14 Tine Malleable Rake.....	25



### WOODEN HAY RAKES

10 Tine Cast Steel Rake, Plain,	\$0 40	with Bow Brace.....	\$0 50
12 Tine Cast Steel Rake, Plain,	45	with Bow Brace.....	55
14 Tine Cast Steel Rake, Plain,	50	with Bow Brace.....	60
16 Tine Cast Steel Rake, Plain,	55	with Bow Brace.....	65



### SCYTHES

Blood's Ribbed Back. Nothing better.....	\$0 98
Blood's Plain Back, Polished.....	95
German. A high grade Scythe at a low price.....	98
English Lawn. An elegant tool for fine work.....	1 25
Bush Scythes. For rough work.....	75
Snaths. Patent, Plain and Bush, Scythe Stones and Rifles in variety.	
Floral Sets, consistng of Hoe, Spade and Rake.....	10c., 25c., 39c., 75c., 1 00
Trowels.....	3c., 5c., 10
Strawberry or Pruning Forks.....	5c., 10
Fruit Pickers. Do not bruise fruit.....	35
Excelsior Weeder.....	05
Grafting Wax.....	¼ lb. 10c., ½ lb. 15c., 1 lb., 25



English Grass

Hooks, 25 to 40 cents



Pruning Shears

19, 26, 40, 65 and 85 cents.  
Dibble, Iron or Wood  
Handle..... 30c

This tool is indispensable for planting small roots and plants; once tried the gardener will never dispense with it



Garden Syringe, 50c. and upwards

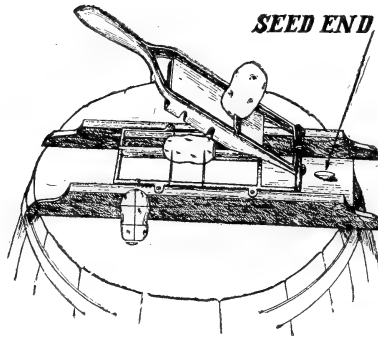


Pruning Saws

50c. and 70c.

**THE GEM SEED POTATO CUTTER**

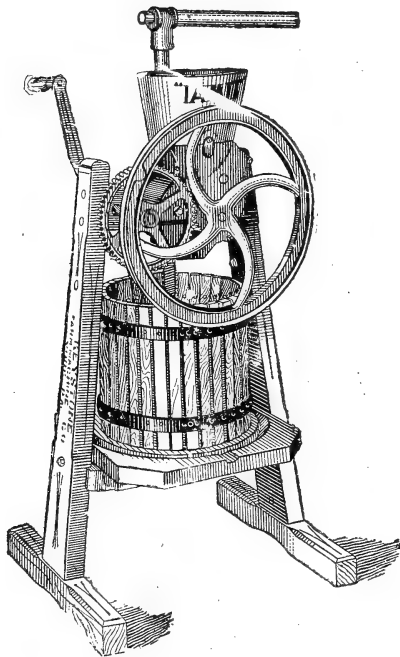
24 Inches  
Long  
8 Inches  
Wide  
Weight 8 lbs.



Cutter  
Will Last a  
Lifetime  
Can You Afford  
to be  
Without One

The GEM SEED POTATO CUTTER shown herewith has all the essential features necessary to a first-class tool. It will cut any size potato in pieces uniform to size, thereby insuring more accurate planting when power planter is used. The operator, to get the best results, will pick up the tuber, look for seed or blossom end, passing it over the knife on upper side of pressure lever, thus removing the cause of so many empty potato hills in your potato patch. Then according to size of potato, place it on knives so that when lever is pushed down it will be cut into either two, four or six; or if a very large one, split it and cut each half into as many pieces as its size will require. From six to eight bushels can be cut with it in an hour. The saving in time alone will more than pay for this cutter the first season it is used.

**PRICE \$2.50**



**PRICE \$9 50**

**THE "I AM IT" CIDER MILL**

A combined Mill and Press with geared cylinder, and adjustable concave, so that grinding can be done as desired either coarse or fine. It will grind apples at the rate of one-half bushel per minute. It is a Self Feed — you need not poke the apples to the grinding disc.

Price.....\$8.98

**Wine and Cider Presses**

**Diameter of Tub.**

No. 1	10 in .....	\$3 75
No. 2	12 in .....	4 50
No. 2½	13½ in .....	5 50
No. 3	15 in .....	6 98

**Hutchinson Cider Mill**

No. 0.....	8 50
No. 1.....	9 50

The Grinder No. 0 is the same size as No. 1 but the curb is smaller. The No. 1 will easily grind 10 bushels of apples or twelve of grapes per hour. The curb will contain the pomace of one and a half bushels of apples.

**CIDER MILLS**

Junior.....	\$14 50
Medium.....	17 50
Senior.....	23 50

**SOLE AGENTS**



# Royal Fence

Royal Farm Fence, 45 inch Price, Per Rod (by roll) 30 cents

DISTANCE BETWEEN BARS - INCHES	21 BARS	58 INCHES HIGH
5	20 BARS	53 INCHES HIGH
5	19 BARS	48 INCHES HIGH
4½		
4½		
4		
4		
3½		
3½		
3		
2½		
2½		
2		
2		
2		
2		
1½		
1½		
1½		
1½		

New Royal Poultry and Rabbit Fence. 48 inch Price per Rod (by roll) 40c. 58 inch Price per Rod (by roll) 45c.

**CYCLE BALL-BEARING STEEL FRAME GRINDSTONE**



Solid Steel Frame with Seat, \$4.48

Stones 19 to 22 inches, 2 to 2 1/4 inches thick. Best Quality Berea Grit. Front legs formed of one piece heavy steel angle. Rear legs formed of one piece heavy steel angle. Upper frame is constructed to form a brace for legs, making most rigid frame possible. Built on up-to-date mechanical Principals Weight 85 lbs.

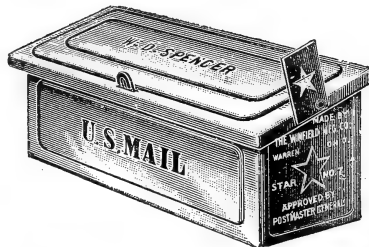
Price .....\$4.48

“ with Cycle Pipe Frame ..... 4.98

**THE STAR R. F. D. MAIL BOXES**

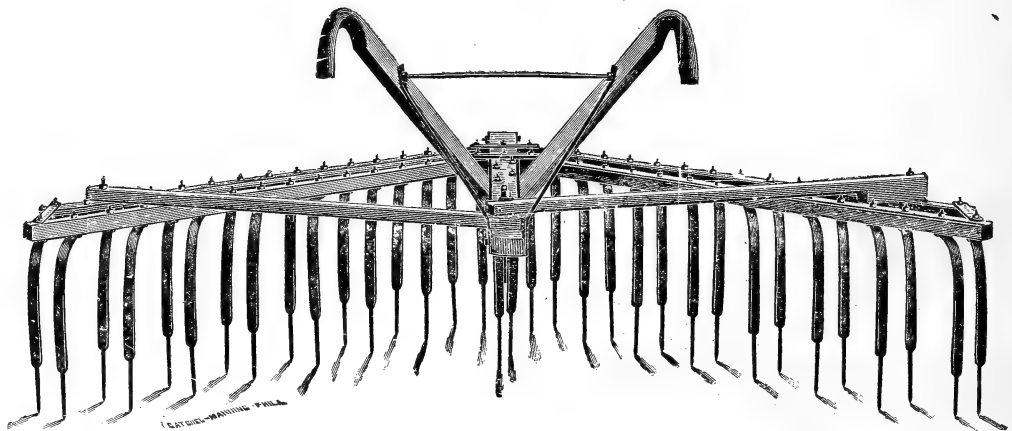
Approved by Postmaster General

High Grade Boxes at Reasonable Prices, that will please both the dealer and user. No solder or rivets are used in their manufacture, all joints being made by special machinery, leaving seams smooth and sightly and without rough edges.



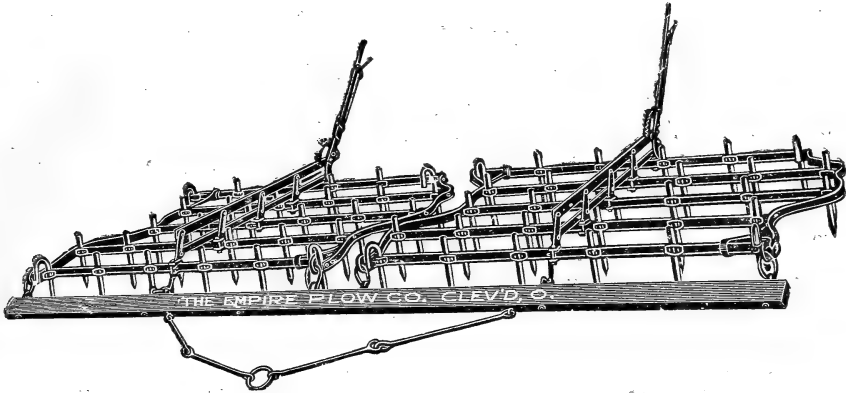
**No. 7, 98c each**  
 No. 1 Plain Galvanized, 75c  
 Rain, Dust and Wind Proof  
 No. 5 Plain Galvanized, 89c  
 No. 7 Aluminum Bronzed 98c.  
 Strong, sightly and every way desirable.

**KEYSTONE ADJUSTABLE WEEDER**



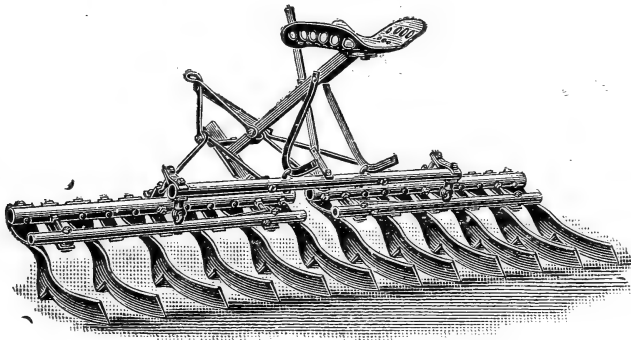
Keystone Adjustable Weeder, expands to 7 feet. Best weeder made, every one guaranteed Try one, it will increase your crops.





The U-bars, channels, oscillating bars and teeth are made of high carbon steel, precluding all possibility of bending. The channels, being placed at the ends of the U-bars, prevent them from catching on obstructions as is frequently the case with the open end harrow. Strong and well made but carrying no superfluous weight. Corner braces, oscillating castings and lever castings of malleable iron. Made in one 30 tooth section, and with 5-8 teeth, \$6.50 or in Two 30 tooth sections, with 5-8 teeth, \$11.98.

**ACME HARROW, Pulverizing Harrow, Clod Crusher and Leveler**



No. 11 Price, one horse - - - \$14.00      No. 23 Flexible. Price - - - \$16.00



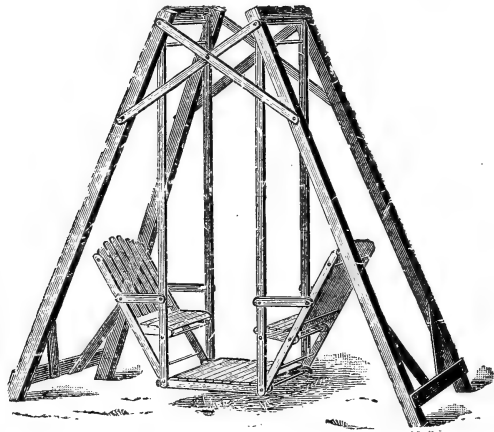
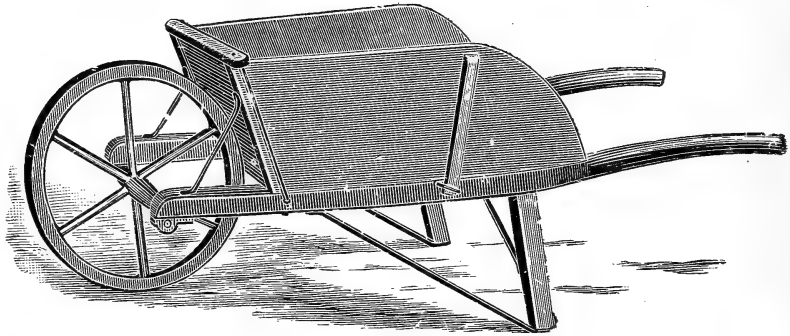
Extra Heavy Steel Tray, \$4 93

**STEEL TRAY  
CANAL BARROW**  
 Price with Steel  
 Wheel .....\$3 75  
 Wooden Tray  
 and Wooden  
 Wheel bolted 1 75  
 Wooden Tray  
 and Steel  
 Wheel bolted 1 80

**IRON TUBULAR  
BARROWS**  
 No. 4.....\$ 6 50  
 No. 7..... 7 50  
 No. 2-D..... 10 00

**Dutchess Bolted Garden Barrow**

- No. 2-B. Boys' size \$2 75
- No. 3-C. Medium size \$3 25
- No. 4-D. Large size \$3 75
- No. 1½ Steel Wheel \$3 98



PRICE \$3.98

**THE FAIRFIELD LAWN SWING**

Easily leads all others in the market for the following reasons:

First: Because it is built upon the best mechanical principals—and thus combines the maximum of strength with the minimum of weight, and weds safety with durability.

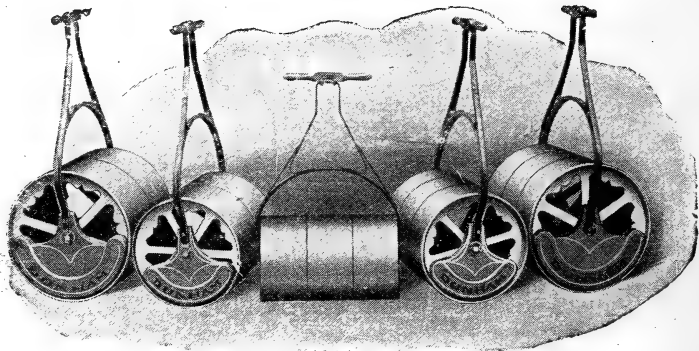
Its notable lightness makes st easy to handle, while a scientific construction renders it remarkably easy to operate, and secures to it a peculiarly attractive and pleasing appearance.

'Tis "Fair," to claim that nothing now in the "field" equals the

"FAIRFIELD" \$3.98

**Dunham Roller Bearing Lawn Roller (Patented)**

Price List of Standard Sizes  
Length and weight precisely as listed  
Rollers are smooth on face and aluminum finish, outer edges rounded to avoid cutting up the lawn.



No.	Diameter Inches	Length Inches	Sections	Weight Pounds	Price
402	15	24	3	200	\$ 9 98
404	20	20	3	250	11 98
407	20	24	2	300	13 50

## INSECTICIDES AND REMEDIES FOR PLANT DISEASES

**Lemon Oil—Insecticide.** This well known article is in general use all over the country for destroying Scale, Mealy Bug, Greenfly or Alphis-Ant-Thrip-Caterpillar, etc., on Rose Bushes, Palms, Rubber Plants, etc. Dilute with water 30 to 50 parts.  $\frac{1}{2}$  pt. 25c.; pt. 40c.; qt. 75c.;  $\frac{1}{2}$  gal. \$1 25; gal., \$2 00.

**White Hellebore.** An excellent remedy against currant worms, rose slugs, caterpillars, etc. Can be used either dry or in water, 15c. per lb;

**Whale Oil Soap.** One of the most effective agents used for destroying scale, bug, plant lice and all other insects; injurious to vegetation. Price 1 lb. box, 15c; 2 lb. box 25c.

**Standard Fly and Germ Killer.** It is a thorough disinfectant and germicide. Protects horses and cows from the torture of flies, The **Lightning Insect Exterminator No. 1** discharges the preparation in a fine, broad spray without waste and using but very little. Fifty cows can be sprayed in a few minutes. 60c. per gallon.

**Pratt's Scalecide.** It will positively destroy all soft-bodied, sucking insects, including all forms of the dreadful "Scale." It is simple, cheap, easily applied and wonderfully effective. Endorsed by government experiment stations, agricultural schools and thousands of fruit growers.

# V&V OIL

CLEANS  
POLISHES  
PREVENTS RUST  
and  
LUBRICATES

MANUFACTURED BY  
**VAN WINKLE** and  
**VAN WINKLE**  
RIDGWOOD N. J.

Price 10c.

**Sulphur, Powered.** A remedy for insects of all kinds, both by itself and in combination with other remedies. Market rates.

**Hammond's Slug Shot.** An insecticide for the destruction of Potato and Rose bugs, and all Lice, Worms or caterpillars upon Melons, Egg, Cucumber, Cotton, Tobacco and Cabbage plants, Tomato, Currants, Fruit or Ornamental Trees, Grape Vines, Shrubs and Flowering Plants. 5 lb. pkg. 30c.

**Strictly Pure Paris Green.** Market price.

**Double Ground Land Plaster.** Per 100 lb. bag 50c.

**BORDEAUX MIX-  
TURE OR FUN-  
GIROID**

For all fungous diseases, such as mildew and the various rots of the grape. Full directions on label. Dry, 1 lb. box 25c. 5 lbs. and over at 20c; per lb. 50 lbs. for \$7 00; liquid, 1 qt. 35c.; 1 gal., \$1 00

**ROSE NICOTINE**

Most powerful insect and Parasite Destroyer known. Guaranteed to kill Insects, Lice on Flowers, Plants, Fruits, Trees, Vegetables, Human body, Dogs, Cats, Fowls, Earth Worms, Ants, also any House bugs or Vermin.

1 lb. 10c. 3 lbs. 25c.



## SULPHO-TOBACCO SOAP

**A Wonderful and Inexpensive Insecticide**

**Sulpho-Tobacco Soap** is a powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of the pests. Full directions with each cake.

Destroys cabbage-, squash- and potato-bugs, currant-worms, lice, green-fly, mealy bug, red spider, etc. Sure death to all plant insects indoors and out-of-doors. Of special value for spraying shrubs, fruit-trees and vines.

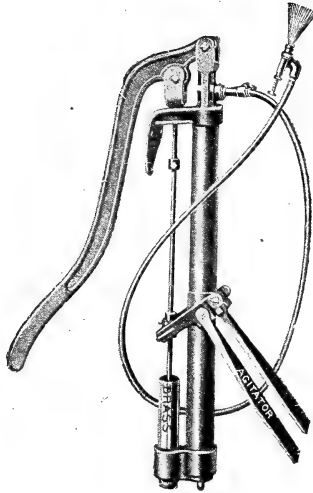
**3-oz. Cake** makes  $1\frac{1}{2}$  gallons prepared solution. **10 cents.**  
Mailed, postpaid, for 13 cents.

**8-oz. Cake** makes 4 gallons prepared solution. **20 cents.**  
Mailed, postpaid, for 28 cents.

**10-lb. Cake** makes 80 gallons prepared solution. **By Express, \$3.00.**

*Free with every order, "The Window Garden," a booklet by Eben E. Rexford, giving valuable information on the cultivation of plants and the extermination of insects.*





PUMP NO. 25

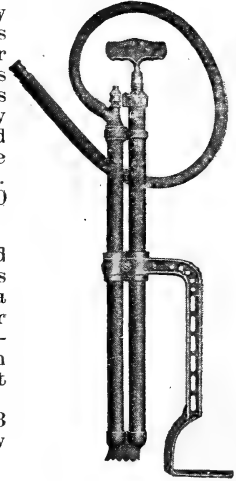
Price \$6.98

**"Fruitall," Spray Pump.** "Fruitall" Spray Pump is made on the same general lines as the famous "Pomona" it is, however, lighter and of smaller capacity. All working parts including plunger, gland, valves, valve seats and strainer are made of bronze. Regularly fitted with wing agitator similar to one used on "Pomona," and which has proved to be the best type. Not made for side of barrel. Price with hose complete, no barrel \$12.00

**"Premier" Brass Bucket Pump**

"Premier" is arranged with suction and discharge hose and spray nozzle. With this nozzle a solid stream may be thrown, or a fine spray. Pump has brass cylinder, plunger and rod. It is particularly adapted for washing windows and wagons, spraying plants in conservatories, greenhouses, etc. Its weight is only eight pounds.

Price with 2½ feet ¾ inch suction and 3 feet 3-8 inch discharge hose. "Seneca" Spray Nozzle and Strainer, \$5.98.



LIGHTNING ALL BRASS SPRAY PUMP

Price \$3.50

**LIGHTNING ALL BRASS SPRAY PUMP**

This spray pump is constructed entirely of brass, so it is not affected by the arsenates

used for spraying fruit trees etc. The operator is enabled to keep a constant pressure of 50 to 100 pounds at the nozzle with very ordinary exertion. Will throw a solid stream 50 feet, or make a fine spray by adjustment of the nozzle. When spraying, a fine jet at the bottom keeps the solution thoroughly stirred. Price \$35.00. See cut.

**LIGHTNING BARREL SPRAY PUMP NO. 25**

This pump has great capacity, and will throw a continuous stream, or any sized spray desired, by the use of our graduating nozzle. The air is compressed into the airchamber, thereby giving an unbroken stream, and making it the most rapid spraying pump made. The agitator thoroughly stirs the liquids and prevents the same from settling. It is adapted for all kinds of spraying, whitewashing, etc. Price \$6.98. See cut.



**GLASS TANK SPRAYER**

A general utility sprayer, adapted to all liquid Disinfecting and Poison Preparations for Orchard, Field and Garden, as well as for use on Cattle, Horses, Sheep, Swine and Poultry.

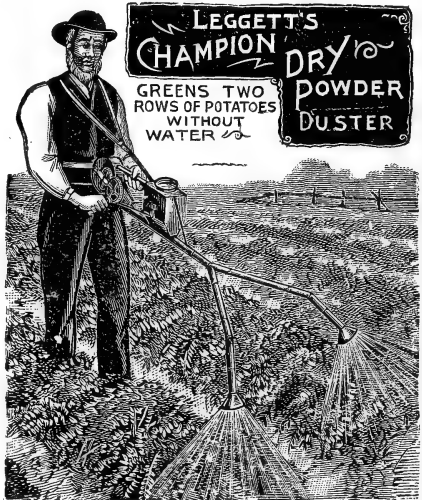
Capacity One Qt.  
Price 65 cents.

**CHAMPION DRY POWDER GUN**

For applying dry Paris Green, Hellebore, etc., to plants and trees, the powder being evenly distributed

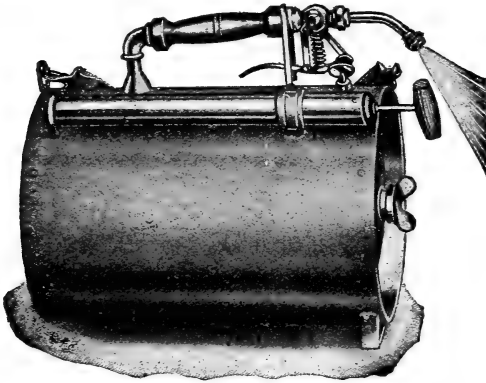
over a wide space with the least possible waste. The quantity may be regulated as desired.

Price \$7.00



**"LIGHTNING" WHITEWASH SPRAYER**

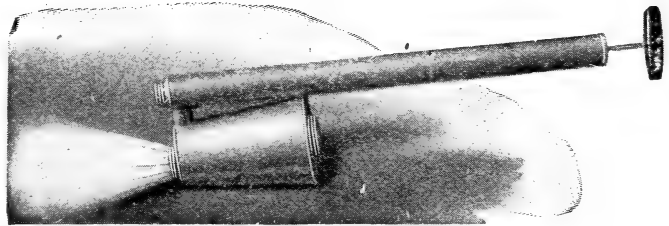
This is the only Spray Pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron, with brass tops and valves. Large air chambers and ball valves, the pressure maintaining a continuous stream or spray not affected by the upward stroke. Can also be used for washing windows, buggies and sprinkling lawns, flowers, etc. Galvanized iron, \$2.25, brass, \$2.75.



**The Lowell Fountain Compressed Air Sprayer.**

One-pumping will expel entire contents of tank and is sufficient to spray 2,000 plants. Spraying nozzle may be reversed to spray under side of bushes and plants. The Automatic Thumb Lever Valve is at all times under complete control of operator, hence none of the solution is wasted. It saves its cost in making a given amount of compound do so much more work. An Adjustable Shoulder Strap and Tree Attachment with suitable couplings for orchard and tree spraying, furnished with each machine. Aluminum finish. Capacity 3 gallons. Price \$4.98.

The "Lowell" Blow Powder Sprayer is fitted with a Ball Valve which is positive in its action, preventing any powder being drawn back into the pump—thus insuring at all times a perfect working machine. Adapted to Paris Green, Slug Shot, Bug Finish, Lice Powder and all Dry Powder Disinfectants and Poisons. Aluminum finish. Caution:—Powder must be thoroughly dry. Price 60c.



**STEEL FRAME FREEZER**



**THE NORTH POLE**

ALL METAL FREEZER



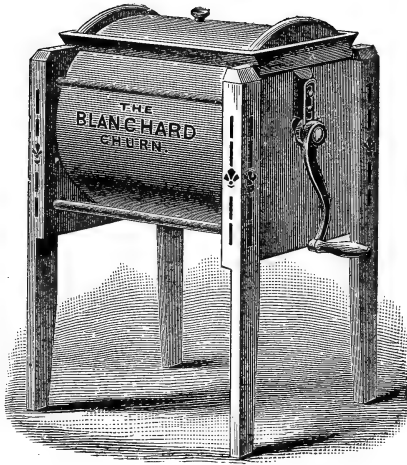
Price, 1 qt. \$1.00 2 qt. \$1.30

THE NORTH POLE is absolutely the ONLY practical and thoroughly dependable all-metal freezer. It must not be confused with any of the flimsy, cheap "Tin Freezers," so-called, but it is in a class by itself. It is extremely simple and is constructed on the same lines and of identically the same material as our higher priced freezers with exception of a metal tub.

The Steel Frame Freezer has a Triple Motion. Can revolves from right to left, outer beater from left to right and the inner beater in the opposite direction. Under ordinary conditions it will produce in about 3 minutes a thoroughly beaten, smooth velvety cream.

Prices, 2 qt. \$1.98 3 qt. \$2.25 4 qt. \$2.69 6 qt. \$3.69 8 qt. \$4.69

## THE BLANCHARD CHURN



The body of the churn being cylindrical, all the cream is churned alike and at the same time making streak butter impossible. This is conceded by all to be the best churn on the market.

### Price List Family Sizes

No.	Will Hold	Will Churn.	Price
3	4 gals.	2 gals.	\$4.50
4	8 "	4 "	5.25
5	16 "	8 "	5.98
6	24 "	12 "	7.50
*7	32 "	16. "	9.00

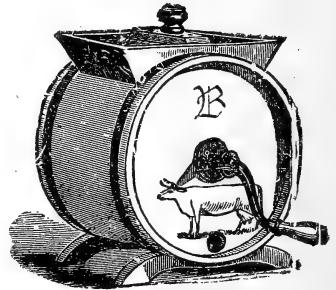
\*This size has crank on each end

## THE CYLINDER

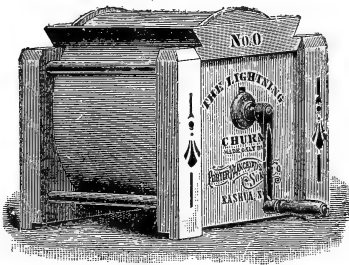
### PRICE LIST

No. 0	.....	\$1 90
No. 1	.....	2 00
No. 2	.....	2 65
No. 3	.....	3 00
No. 4	.....	3 75

Superior in materials and workmanship. Made from specially selected stock and highly finished; Acknowledged the best Cylinder Churn on the market.



## THE LIGHTNING CHURN



"GET THE BEST," This has been made to supply the demand for a small cheap churn. It is strong and durable, with no parts to get out of order. It is a double dasher, and will churn quickly if desired.

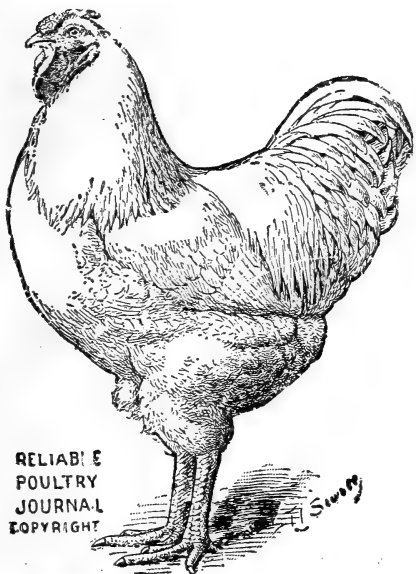
### SIZES AND PRICES

No.	Will Hold	Will Churn	Price
0	4 gals.	2 gals.	\$2 25
1	6 "	3 "	2 75
2	8 "	4 "	3 25
3	10 "	5 "	3 75

Dairy Thermometers, 15c each.

Lactometers, approved by the N. Y. Board of Health, to test the quality of Milk, 50c each.

Long Handle Measure for Milk Cans, 1 pint, 15c., 1 quart, 18c.



RELIABLE  
POULTRY  
JOURNAL  
COPYRIGHT

# HIGH GRADE Poultry and Pigeon Supplies

The great need to poultrymen is for a dependable main ration, which shall be the basis of all feeding, something which, with necessary changes for age of fowls, may be used continuously from the beginning to the end of the feeding operations.

The line of poultry feeds hereafter given is believed to furnish the base for the best system for scientific feeding of poultry that is available.

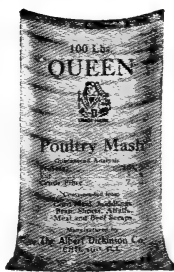


### The "SUN" Chick Starter A Baby Chick Feed

This is the food to start chicks right. In size and in contents it is adapted to the wants of chicks for the first twenty days.

It contains the elements of growth and it is a food the chicks can digest.

50 lb. Bag at \$1.50 100 lb. Bag at \$2.75



### "QUEEN" Poultry Mash a Poultry Food

The mash with many poultrymen enters largely, into the feeding plan.

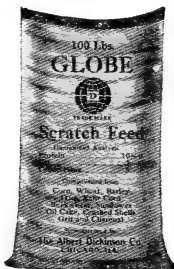
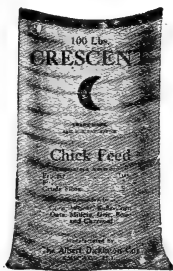
The theory is that it is easily digested warms up the fowls system causes the blood to circulate properly and thus gives health, strength and good feeling. It is a select mixture of ground feeds made from choicest, sound, sweet, wholesome grain. It contains absolutely nothing but what is of real value and is at the same time a growing and a health food, a molting food and an egg producer.

50 lb. bag at \$1.25. 100 lb. bag at \$2.25

### "CRESCENT" Chick Feed for the Growth Stage

The Crescent Chick Feed is designed to take the little chicks where the "Starter" leaves off, at about the age of twenty days, and carry them through to the end of the eighth week.

50 lb. Bag at \$1.38,  
100 lb. Bag at \$2.50.



### SCRATCH FOOD For Grown Fowls.

Snitable at all Seasons

A carefully selected mixed balanced ration of grains, cracked and whole seeds, etc., adapted to the vigorous growth of fowls and production of eggs. Scratching food should be scattered in the litter the first thing in the morning and at noon; late in the afternoon feed all the mash food they will clean up.

50 lb bag at \$1.25. 100 lb. bag at \$2.15

### DEVELOPING FOOD

A special food for properly maturing young chicks after they are weaned from Chick Food up to the time for feeding scratching food and laying food. Developing food is dry grain and may be fed from hoppers, but better results may be had by scattering broadcast.

50 lb. bag at \$1.38. 100 lb. bag at 2.50

### LAYING FOOD

A ground food ready for the mash made up of carefully selected materials that will greatly increase the production of eggs. The use of this food will greatly increase the profits of the poultry raiser and cannot be too highly recommended.

50 lb. bag at \$1.25. 100 lb. bag at \$2.25

### BEEF SCRAP

Standard Meat Food for Poultry of all Ages. High Protein Beef Scraps is an especially valuable meat food for poultry and gives very satisfactory results. Any kind of Beef Scraps will not answer. Poor Beef scours the birds and often injures them, when the first is used the results are uniformly good. Do not fail to buy your supply from a reliable source.

100 lb. bag at \$3.25



**PRATT'S POULTRY FOOD**

A specially prepared and highly nutritious food. Used at all the principal shows all over the world. The most successful food for all kinds of poultry.

1 lb. at 10c; 25 lb. at 7c; 100 lbs \$5.50

**MUZZY "PIGEON FEED" A SQUAB****DEVELOPER**

Right feeding of pigeons is considered something of a problem. Most raisers do not understand either the pigeon or its feeding as well as they do poultry. The true fancier, the man raises birds for their beauty, for the show, for the pleasure there is in it, or for sporting, finds in our Pigeon Feed a combination suited to his needs.

50 lb. Bag \$1.38 100 lb. at \$2.50

**CHARCOAL**

Prepared expressly for poultry, absolutely pure, essential to health of fowls and aids to digestion. We carry three grades:

- No. 2. Fine, for use on mash mixtures.
- No. 1. Medium, for small chicks.
- No. 0. Coarse, for fowls.

1 lb. 5c; 5 lbs. 15c; 10 lb. 25c; 25 lbs. 65c;

100 lbs. \$1.90

**GROUND BONE, Fine and Granulated**

Ground Bone is made from the Dry Bone and contains Phosphates, Lime and Protien and is especially valued as an egg producer.

5 lb. 25c; 10 lbs. 40c; 25 lbs. 88c; 100 \$2.50

**CUT ALFALFA CLOVER**

A Poultry Food that aids digestion and assists in the assimilation of grain foods, thereby giving better results at lower cost. Among green foods, Alfalfa stands at the top. Malted Alfalfa is a boon to poultrymen. It is used in a mash for small chicks as well as to mature fowls. If more of this meal was fed to young chicks there would be less mortality.

5 lbs. 15c 10 lbs. 25c 25 lbs. 60c 50 lbs.

\$1.10 100 lbs. \$2.00

**CUT RED CLOVER**

Cut Clover has become the standard green food for winter egg production. It is used and recommended by every poultry expert and well-known practical poultryman in America.

Writers on poultry topics endorse it as a necessity, especially during the long winter months when the fowls are unable to obtain a substitute for the bulky green food which is so plentiful during the summer season in the shape of grass clover and vegetables.

5 lbs. 15c 10 lb. 30c 25 lbs. 75c 50 lbs.

\$1.25 100 lbs. \$2.25

**CRUSHED OYSTER SHELLS**

It is needless for us to enlarge on the value of oyster shells for poultry. Every poultryman realizes their importance as an egg maker and general promoter of good health.

1 lb. 1c, 5 lbs. 5c, 25 lbs. 25c, 100 lbs. 60c

**CRYSTAL GRIT**

We supply 4 sizes of Grit No. 4 for Brooder Chicks; No. 3 for Pigeons; No. 2 for half-grown Chicks; No. 1 for Hens, Turkeys, Ducks and Geese.

1 lb. 2c, 5 lbs. 10, 25 lbs. 35c, 100 lbs. 70c

**FOUST'S HEALTH GRIT**

1 lb. 3c, 5 lbs. 15c, 10 lbs. 30c, 25 lbs. 75c, 100 lbs. \$2.00.

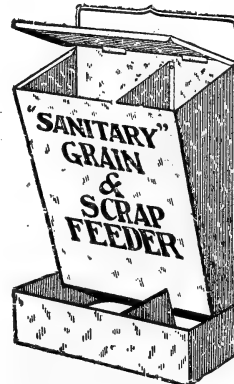
**SEEDS AND GRAINS**

We carry a full line of the following: Wheat, Barley, Millet, Hemp, Sunflower, Kaffer Corn, Canadian Peas, Cracked Rice, Linseed Meal, Canary Seed and Mixed Bird Seed, Buckwheat, Rye, etc.

**GRIT AND SHELL BOX**

Sanitary grit and shell boxes make a material saving on grit and oyster shells, ground bone, charcoal or poultry foods. They are practical self feeding boxes made of heavy galvanized iron.

50 cents each.

**SANITARY DRYFOOD BOX**

Dry Food hopper is a practical labor and food saving device for feeding dry grain, whole or ground.

75 cents each

**STONE POULTRY FOUNTAINS**

1 qt. 20c, 2 qt. 25c  
4 qt. 30c, 8 qt. 35c

**CAPONIZING REQUISITES**

**GAPE WORM EXTRACTOR**



The use of this instrument is so simple that a few moments practice will give almost all information needed. The wires being flexible, may be made smaller or larger by bending to suit any age fowl. Full directions with each instrument. Price 25 cents.

**PILLING FRENCH POULTRY KILLING KNIFE**

Every poultry raiser should have one of our killing knives. They are made of a finely tempered instrument steel, with nickeled handle; will last a life time. Sent postpaid on receipt of 50 cents. Don't wait! Send for one now.

**RELIABLE SPRING LEVER**

**POULTRY PUNCH**



If you keep a record of your chicks, of the different breeds, hatches, strains, etc., there is no better, quicker, or easier way than by using our latest invention

Price 25 cents



**PEERLESS DRINKING FOUNTAIN**  
Combination for Winter or Summer

**PILLING CAPONIZING SETS**

Capons are aptly termed "the finest chicken meat in the world," for there is nothing growing feathers their equal or superior. A capon is neither rooster or hen—it is nothing else than a capon. After removing the testicles from the cockerel its nature becomes entirely changed. They take on a more rapid growth; are more tame, awkward in carriage and always exceedingly lazy; take on a very heavy and beautiful plumage, the comb and wattles cease to grow, the spurs do not develop as in the cockerel, and being cast off by both rooster and hen they soon show fondness for the society of little chicks. To these they will act as mother, covering them with their heavy plumage at night or leading them about during the day. In France this is extensively practiced, the capon taking the place of the mother in rearing chicks while the mother, unfettered by the cares of her feathered family, becomes a layer only.

The operation is very simple and is practiced by the leading poultrymen throughout the United States.



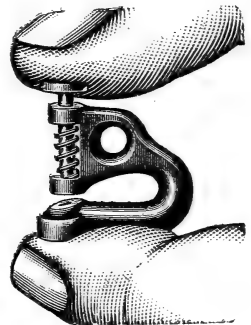
The Farmer Miles Caponizing Set	.....	\$6 00
The Farmer's	.....	3 00
The Philadelphia	.....	2 75
The Plain	.....	1 50

Full instructions for use with each set.



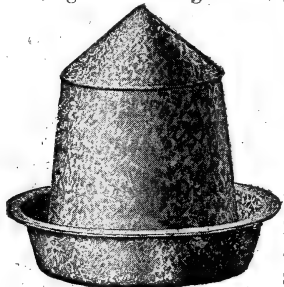
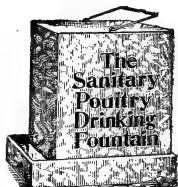
**PHILADELPHIA**

**Chick  
Marker  
Price  
25 cents**



**SANITARY GALVANIZED  
IRON DRINKING  
FOUNTAINS**

In assorted sizes and styles  
1 gal. 50c. 2 gal. 85c.



**CONE TOP GALVANIZED IRON  
FOUNTAINS**

1 qt. ....	\$0 19
2 " .....	25
4 " .....	35
8 " .....	55

**BANTY SANITARY DRINKING FOUNTAIN**

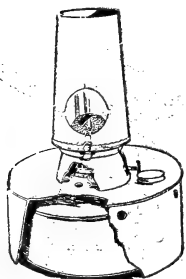


This is one of the Best Fountains on the market. It can easily be taken apart and cleaned. It can be placed on the ground or hung on the wall. These are made of heavy galvanized iron and suitable for either poultry pigeons.

**Three Sizes**

1/2 gal. ....	\$0 50
1 gal. ....	75
2 gal. ....	98

**INCUBATOR AND BROODER LAMPS**



With seamless founts drawn in one piece and galvanized after drawing.

7 inch by 2 1/2, No. 2 burner, and chimnes, 75c.

7 inch by 2 1/2, No. 3 burner, and chimney, 98c.

**ZERO INCUBATOR AND BROODER LAMP**  
\$1.00 each

**PORCELAIN NEST EGGS**

These eggs are made of first class flint and do not break and will last indefinitely.  
Price 2c. each. 3 for 5c. Doz. 18c.

**ANTISEPTIC NEST EGGS**

5c. each or 6 for 25c.

**PAPER EGG BOXES**



Just the thing for your family egg trade, they ship keocked down can easily be set up.  
Extra heavy;  
1 doz. size 15c.  
dozen 90c.

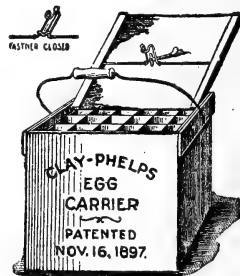
for 100. In 1000 lots, \$6.50. Regular 1 doz. size 12c. per dozen, 80c 100 and \$6.00 1000.

We carry a good wood box of good pine stock and Egg Spring Holders. Best thing made for shipping. Write for price.

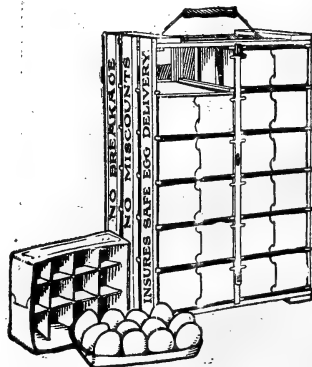
**RELIABLE EGG CARRIER**

Is made with an adjustable cover and a patent combination lifter and fastner, which is far superiop to other similar devices now on the market. There is no more durable or better carrier made. A necessity to all poultrymen.

Prices are as follows:  
9 doz. size. each 45c.  
per doz. \$3.50.  
12 doz. size each 50c.  
per doz. \$5.00



**Farmers Modern Egg Crate  
STAR EGG CARRIER  
Insures Safe Egg Delivery**



No. 6 .....	\$ 090
No. 8 .....	052
No. 12 .....	011



**X RAY EGG TESTER**

Will test 6 Eggs at once, very fine. Price, 50c.

**GEM FOLDING EGG TESTER**

A tester consisting of pasteboard and a strip of mirror. The tester has been in common use for years, is very popular and fills a longfelt want for something accurate and cheap. Price 25 cents.

**METALLIC EGG TESTER**

We manufacture what is probably the neatest and surest metallic egg tester on the market. It consists of a metal lamp chimney and tubular projection. Is made in two parts so the tubular projection can be removed and chimney used separately, 25c.

**WIRE CHICKEN NESTS**



These nests are strongly made from heavy Japanned Steel Wire. They are intended to fasten to the wall with screw hooks, there is no room on them for

lodgment of life, vermin of any kind, easy to keep clean and far superior to wooden boxes.

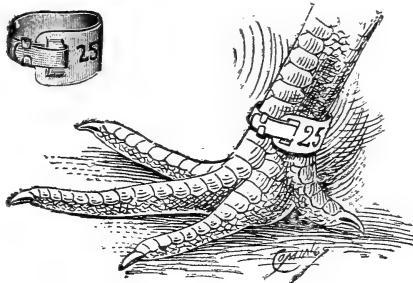
Price each, 15c per dozen, \$1.50

**PIGEON NESTS**

Should be used by every pigeon fancier. Made of red clay, with heavy bottom to prevent upsetting. Size about 9 inches in diameter.

Price 10c each. \$1.00 per dozen.

**IMPROVED CHAMPION LEG BANDS ALUMINUM**



This is a well known band, is one of the best on the market; is light and strong, being held by a double lock, is impossible to come off.

15c per dozen; 25 for 20c; 50 for 35c; 100 for 60c.

**SUPERIOR LEG BANDS**



Made from spring wire aluminum tag. Price 15c per dozen; 60c per 100.



Bands for Marking Pigeons

**SPIR-OL LEG BANDS**



Black, White, Blue, Pink, Amber and Ruby

Mark each hen for her pen, so that you know where she belongs at a glance.

Mark your old hens to distinguish them from the pullets so that you can catch the right one to kill at the first grab.

Price 25 cents per dozen \$1.50 per 100

**TAR ROOFING PAPER**

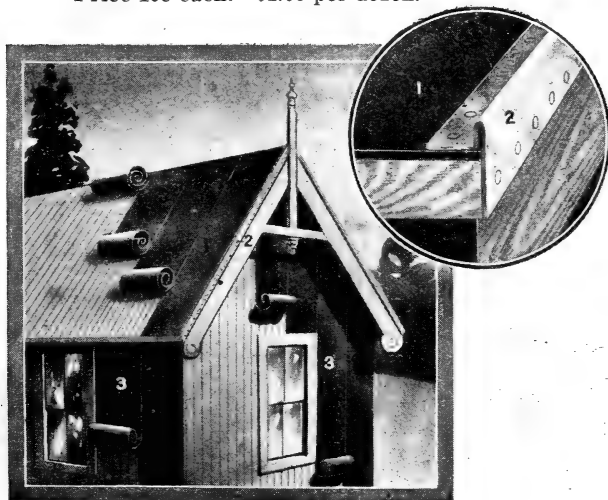
This paper is manufactured by a reliable manufacturer, is watertight, durable, strong, impervious to air and is not affected by heat or cold.

1 ply roll 24c lb. 2 ply roll 55c. 3 ply roll 85c. Nails and Tins for above. Special price in large quantities.

**AQUAROID ROOFING**

This roofing is made of the best long fibre wool felt, saturated and coated with pure refined asphaltum and is not affected by acid gases or climatic changes. It is suitable for flat or steep roofs. Put up in rolls containing 100 square feet, sufficient to cover one square allowing 2 inches for lap. Nails, tin caps, cement and directions for laying on, packed in each roll. It is made in these weights.

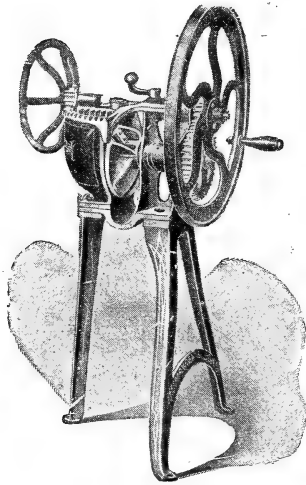
- 1 Ply 35 lb. \$1.25 per roll
- 2 " 45 " 1.75 " "
- 3 " 50 " 2.25 " "



HUMPHREY NO. 1

**Humphrey Open Hopper Bone Cutter**

MANN'S PAT BONE CUTTERS



No. 1—Hand Power. Capacity, 10 to 200 hens. Weight 120 pounds. Price \$12.00.

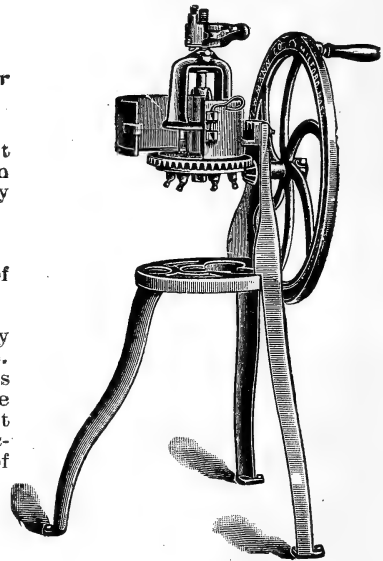
The Humphrey Bone Cutter does better work because

It takes a large bone without any preliminary cutting with an axe, as it is necessary in many types of bone cutters.

It turns more easily;  
It cuts more rapidly;  
It does not break or get out of repair; and  
It is easily kept clean.

The construction is extremely simple yet strong and effective.

The Humphrey has an always open hopper and is entirely free from springs, screws and split nuts. It works with direct action and is free from friction of all bone cutters.



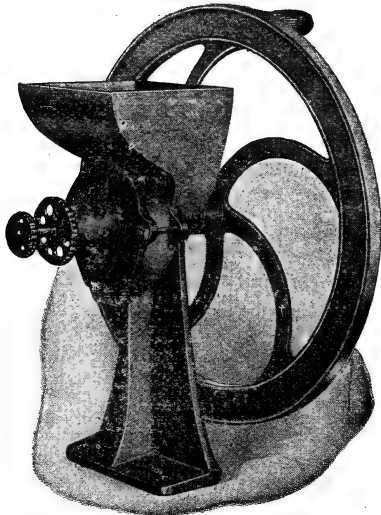
No. 7 MANN

Mann's Pat. Bone Cutters

Are one of the best Bone Cutters ever sold to the public and they are one of the most successful Hand and Power Machines on the market today for cutting green bones.

No. 5 B \$8.00    No. 5 B M with legs, \$10.50  
No. 7 with legs, \$12.00    No. 9 \$17.00

**No. 32 Hand Mills**



In this Mill are embodied all the good features of other hand grinding mills to which have been added universal burrs or grinding plates that are adjustable for grinding coarse or fine. This machine grinds oats, barley, rye, corn, peas, dry bone, shells, etc., for feeding to poultry. It is a well designed machine, is strong and well made throughout and of excellent finish; has a 16-inch fly wheel and is light running.

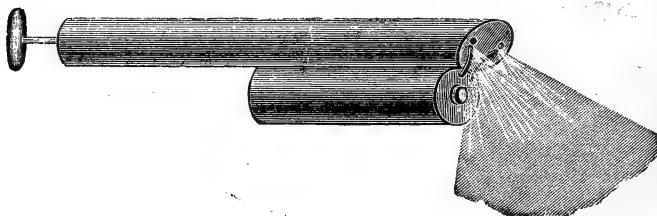
The capacity of this mill is not equalled by any other of the same size.

Shipping weight, 40 pounds.

Capacity, 1 or 2 bushels per hour.

**Special \$3.98**

LOWELL SPRAYER FOR SPRAYING LIQUID LICE KILLER



LOWELL SPRAYER

It discharges the preparation in a very fine spray without waste, and uses very little.

Price per Gal. Iron, 45c

Brass, 75c




**ANTISEPTIC NEST EGG**

5c each; 6 for 25c

Rust's Egg Record, lasting one year, and excellent Poultry Booklet, FREE

## GET PLENTY OF EGGS



Feed does not contain everything needed, so eggs get scarce. Make the feed complete by adding

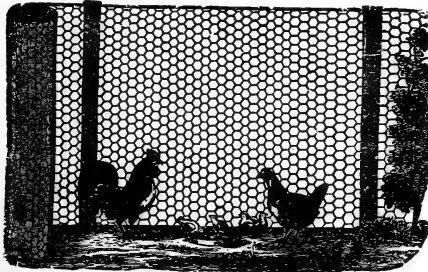
**RUST'S EGG PRODUCER**

20 YEARS' SUCCESS

Prices—1 lb. 25c; 2 1/2-2 lb. 50c; 6 lb. \$1.00; 10 lb. \$1.50; 25 lb. \$3.50.

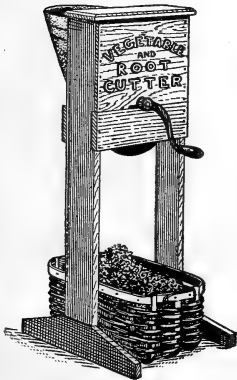
Refuse substitutes. Get a box of RUST'S EGG PRODUCER to-day.

Costs 2 cents a month for each hen to use RUST'S EGG PRODUCER  
The best investment of its size on earth



Wire 2-inch Mesh. 1 ft. 2 ft. 2 1/2 ft. 3 ft. 4 ft. 5 ft. 6 ft. No. 20 Wire 1 inch Mesh. 1 ft. 2 ft. 2 1/2 ft. 3 ft. 4 ft. Market Prices.

**VEGETABLE AND ROOT CUTTER**



This handy invention is used for cutting up green food of different kinds, for poultry, sheep, and cattle. It is a practical success. It is very easy to operate, cuts rapidly. It will cut all kinds of roots, including beets, turnips, etc., also cabbage and other similar vegetables. Green food prepared can be mixed with the soft food that is fed to fowls, and used in this way, there will be no waste whatever. Green food is

essential to the health of the fowls during the winter, and insures an increased egg yield. The accompanying cut shows the Reliable Vegetable Cutter all complete, ready for operation.

**Price \$3.98**

**ROSE NICOTINE**



Most powerful insect and parasite Destroyer known. Guaranteed to kill insects, lice on flowers, plants, fruit trees, vegetables, human body, cats, fowls, earth worms, ants, also any house bugs or vermin. 15c per pound.

**SMITH'S SURE DEATH LICE POWDER**  
**ONE OF THE BEST**

Smith's Sure Death Lice Powder is a scientifically prepared powder that is guaranteed to kill lice on poultry and birds of all kinds, fleas on cats, dogs and all other animals. Sure death to bed bugs. Contains no poison and will not injure plumage or coat. Put up in 1 lb. boxes only. Price 25c.

**"OCULUM"**

(Registered Trade Mark)

Guaranteed by The Hencock Inoculum Co., Inc. Under the Food and Drug Act of June 30, 1906.—No. 28,809.

Scientific Remedy and Preventative for Cholera, Roup and White Diarrhoea, also cure for Gapes. Cures Diarrhea in Sheep, Calves, colts and goats and kidney worm in hogs. Inoculate your fowls and prevent disease. (Sold under guarantee.) Price, large bottle, \$1.00. Small bottle, 50c.

**ROUPENE WHITINGS RELIABLE ROUP REMEDY**

"ROUPENE" will be found an infallible preventative and sure cure for Roup, Canker, Diphtheria, Chick-pox or Sorehead, Gapes, and all diseases of the respiratory organs in every species of fowl and pigeon; also will positively cure the sniffles in dogs and rabbits.

By the use of "ROUPENE" save your little chicks from that dreaded disease White Diarrhoea.

Full directions how to prevent it are included with every bottle of "ROUPENE."

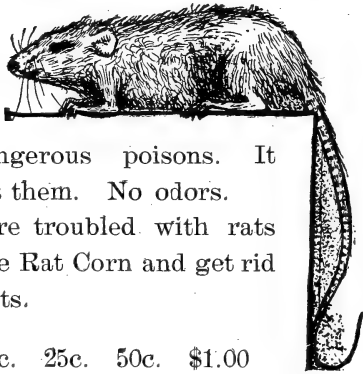
"ROUPENE" is non-poisonous and does not debilitate.

"ROUPENE" is guaranteed under the pure food and drugs act of June 30, 1906, serial number 35184. Price, 50 cents.

**CONKEY'S ROUP CURE**

Conkey's Roup Cure is guaranteed by its manufacturers to cure Roup in all its forms. It is simply put in drinking water and the chicken takes its own medicine. It prevents colds, and is unequalled for canker, especially in pigeons. Small package 25c, medium package 50c, large size package \$1.00, postpaid.

**RAT CORN**



No dangerous poisons. It mummifies them. No odors.

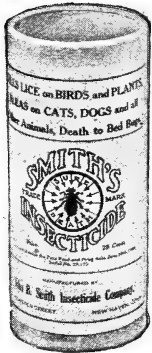
If you are troubled with rats or mice use Rat Corn and get rid of the pests.

Price 10c. 25c. 50c. \$1.00



**SMITH'S ROUP REMEDY**

A positive cure. Price 25c.

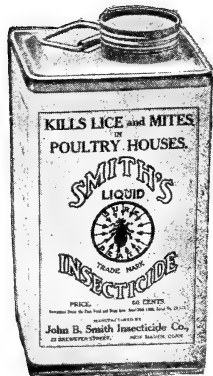


**SMITHS INSECTICIDE**

Kills lice on bird and plants, fleas on cats, dogs and all other animals.

Death to Bed Bugs.

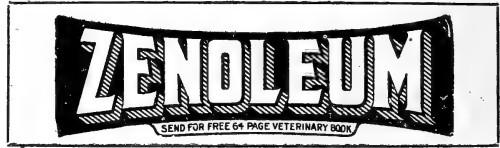
Price 10c. and 25c.



**SMITHS LIQUID INSECTICIDE**

Kills lice and mites in poultry houses.

Price 35 - 60 - \$1.00



**Disinfectant**

**GERMICIDE LICE KILLER**

(POWDER AND LIQUID)

**ZENOLEUM DISENFECTANT ANIMAL DIP**

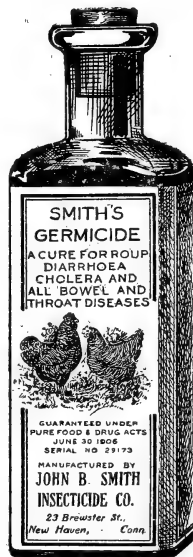
Eight ounce can, 25c., Quart can, 50c., Gallon can, \$1.50. Five-gallon can, \$6.25.

**ZENOLEUM LICE POWDER**

Full pound can, 25c.

**ZENOLEUM LIQUID LOUSE PAINT**

Quarts, 35c., half gallon, 65c., gallons, \$1.00.

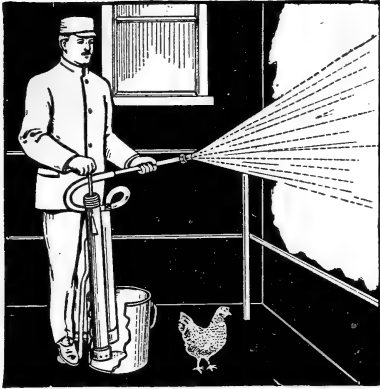


**Smiths Germicide**

A cure for Roup, Diarrhorea, Cholera and all bowl and throat diseases.

Price 25c. 50c.

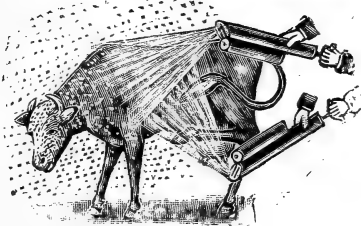




**WHITEWASH  
SPRAYER**

This is the only spray pump that will properly spray whitewash without clogging. It is constructed of heavy galvanized iron with brass tops and valves.

Large air chamber and ball valves, the pressure maintains a continuous stream or spray not affected by the upward strokes. Galvanized Iron \$2.25  
Brass \$2.75



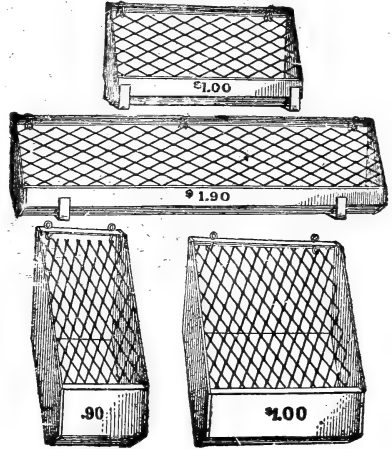
**FLY-KILLER OIL 75c. gal.**

**BOSTON HOP-  
PER RAT PROOF**

These Hoppers are absolutely automatic and positive in their action. They cannot clog--they do not waste. They are made of galvanized iron with swinging grind (mesh) and hold from  $\frac{1}{2}$  peck to  $\frac{1}{2}$  bushel respectively, and will last a lifetime. Feed is always accessible and in sight, they save labor and money.

**"THE BOSTON"  
POULTRY DRY FEED HOPPER CO.  
BOSTON MASS, U.S.A.**

PATENTED NOV. 12, '07.



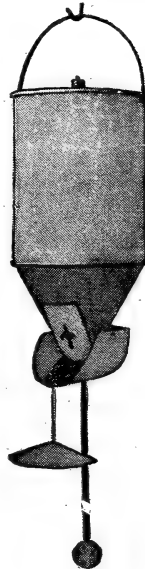
**THE IDEAL**  
**Automatic Feeder and Exerciser**

**Directions:**

Hang the Ideal Feeder up so that the Rubber Ball will clear the floor 12 inches. Fill it with anything you wish to feed, raise the slide clear up, and they will soon work the feeder so you will have to close down the slide some, or they will get too much. This feeder will increase your egg yield 25 to 40 per cent as it feeds them slow and they get the exercise. Try one.

**PRICE :**

No. 1—12 quart \$1.75

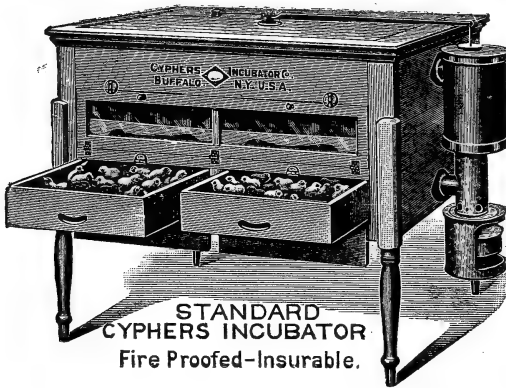


**Guarantee :**

We guarantee that all Fowls will work this Feeder, and also guarantee the Feeders not to clog.

SOLE AGENTS FOR

## Genuine Standard Cyphers Incubators



### No. 1 INCUBATOR, CAPACITY 144 EGGS

Our No. 1 Incubator holds 144 eggs. The breeder who desires to raise 100 to 300 chicks throughout the season chooses this machine. For that reason it is popular with farmers and fanciers who are branching out into a substantial business. Like our other incubators, it does its work, as the letters appearing in our 104-page catalogue prove.

Price \$22.00

No. 2 Standard Cyphers Incubator, 1911 pattern, Fire-Proofed, Insurable. Showing nursery drawers partly drawn out. (This machine possesses drop

bottom, as shown on illustration of No. 3 Incubator on this page.)

PRICE, \$32.00

### No. 2 INCUBATOR, CAPACITY 244 EGGS

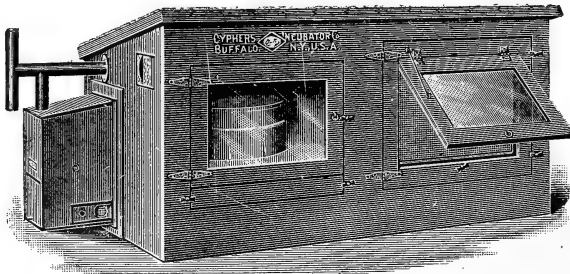
Our No. 2 Incubator holds 244 eggs, and is a most desirable machine in every way. It serves the fancier who wishes to hatch a couple of hundred of chicks and hatch them all at one time, or the breeder who wishes to raise from 500 to 600 during the early spring months. It is the most economical machine on the market, except our 390-egg incubator, which is generally used upon very large plants. The 244-egg machine is the one we recommend to the full-fledged fancier and the farmer who raises poultry on a good-sized scale.

### No. 3 INCUBATOR, CAPACITY 390 EGGS

Our No. 3 Incubator is the machine that operators of large poultry plants are using. It holds 390 hen eggs, and is a model of usefulness and finish. They are the business machine of the Twentieth Century, and have enabled practical men to increase the size of their plants till they raise 40,000 and 50,000 ducks a year, as told and illustrated in our big main catalogue.

Price \$38.00

### CYPHERS STYLE B. OUTDOOR BROODER



Cyphers Adjustable Hover	- \$ 8.50
Cyphers Style A. Outdoor	- 12.50
Cyphers Style B. Outdoor	- 16.50
Cyphers Style C. Outdoor	- 18.50
Cyphers Style D. Indoor	- 11.50
Cyphers Chick Enclosure	- 3.00

Fire-Proofed, Insurable, Self-Ventilating and Self-Regulating

Large Illustrated Catalogue of Cyphers Incubators, Brooders etc., Furnished On Application

DAIRY AND MILKMEN SUPPLIES

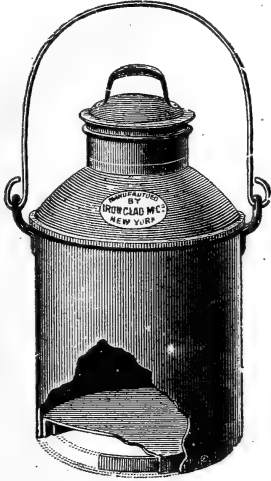
**Milk Bottles**

No. 2 Common Sense 1 qt. doz. 65c, gross \$6 50  
 " " " " 1 pt. " 50c, " 5 00  
 " " " " 1/4 pt. " 48c, " 4 75

In 5 gross lots we quote lower prices. Name blown on bottles free in one gross lots.

**Milk Bottle Boxes**

1 qt. size hold 12 bottles 1/4 inch with cover \$1 10  
 1 " " " " 12 " " " " " " " " 75



1 qt. size hold 12 bottles without cover ----- 60c  
 1 qt. size hold 12 bottle 1 in. thick without cover 75c  
 1 pt. size hold 24 bottles with cover ----- \$1 25

**Milk Pails**

One quart to twenty quarts.

**10c to 1.75**

**Milk Bottle Carriers**

6-1 qt. Bottles 69c  
 8-1 qt. bottles 85c  
 Galvanized iron wire  
 6 qt. flat wire 75c  
 8 qt. " 98c  
 both heavy

**Milk Cans**

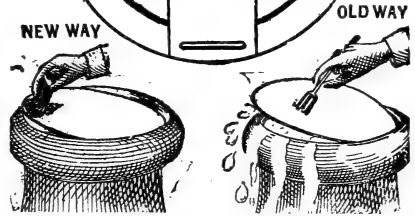
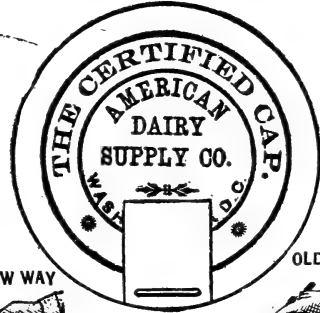
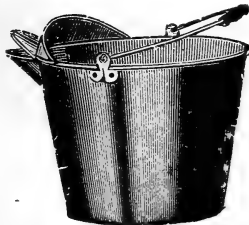
Iron clad Milk Cans, best Can manufactured.  
 20 quarts \$2 25  
 30 " 2 60  
 40 " 3 00

**Milk Pans**

Tin, 10c to 15c.  
 Enameled Ware 15c to 35c.  
 Milk Bottle Brushes, 10c to 35c.  
 Milk Can Brushes, 5c to 25c.

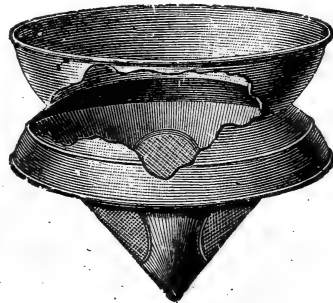
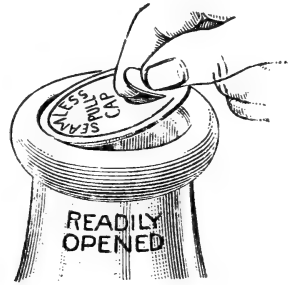


**DAIRY PAIL**  
 With Strainers  
**25c to 95c**  
 Without Strainers  
**25c to 45c**



**MILK CAPS**

New Seamless Pull Cap, 35c 1M \$1.50 5M  
 Heavy Waxed, Printed, 25c 1M: \$1.00 5M  
 Heavy Waxed, with Lip, Printed, 25c 1M \$1.00 5M  
 New Lip Cap. Lip will not pull off, 35c 1M \$1.50 5M  
 Thin Caps for Tin Top Bottles, 5 lbs. 50c  
 Name and address printed free on lots of 50M



Milk Can Strainers  
 Tuthill's

95c

Milk

Skimmers  
 5 cents

# Foreign Names of Vegetables and Herbs

English	German	French	Italian	Holland
Anise	Anis, Grvener	Anis	Anaso, Anacio	Anijs
Artichoke	Artischocke	Artichaut	Articoocca	Artisjok
Asparagus	Spargel	Asperge	Sparagio	Aspersiek
Balm	Citronen Melisse	Melisse citronelle	Melissa	Citron Melisse
Basil	Basilikum	Basilic grand	Basilico	
Beans	Bohen	Haricots	Pagiuoli	Booen
Beet	Ruebe	Betterave	Barbabetola	Bieten
Borage	Boretseh	Bourrache	Boragine	
Broccoli	Spargelkohl	Chou Brocoli	Cavol broccolo	
Brussels Sprouts	Roseukohl	Chou de Bruxulles	Cavolo agermaglia	Spruitkool
Cabbage	Kopfkohl, Kra	Chou pomme	Cavolo cappuccio	Slutkool
Cabbage Savoy	Wirsing	Chou de Milan	Cavolo di Milano	Savooihool
Caraway	Feld Kueम्मel	Chum des press	Carvi	Karvij
Carrot	Carroten, Moehren	Carotte	Carota	Wortelon
Cauliflower	Blumenkohl	Chou-fleur	Covolo-fiore	Bioemkool
Celery	Sellerie	Clerie	Sedano	Seiderij
Celeriac	Kaoll-Sellerie	Celere-rave	Se ana rapa	Knoise erji
Chervil	Kerbel	Cerfeuil	Cerfoglio	Kervil
Chicory	Chiceorien wurzel	Chicoree sauvage	Cizoria Wselvatica	
Coriander	Coriander	Coriandre	Coriandorio	Korlander
Corn Salad	Feldsalat	Mache	Valeriana	Velesia
Corn	Mais	Mais		
Cress	Garten Kresse	Cresson alenois	Agretto	Tunkers
Cress, Water	Brunnen Kresse	Cressoudefontaine	Nasturzio	Waterkers
Cucumber	Gurken	Concombre	Cotriolo	Komkomer
Dandelion	Loewenzohe	Pissenlit	Dente di leone	
Dill	Dille	Aneth	Aheto	
Egg Plant	Eier Pfiano	Aubergine	Pentonciano	Andijve
Endive	Endiven	Cieorce-Endive	Indivia	Nedkel
Fennel	Fenchel	Fenouli	Finnocchio	Knoflook
Garlick	Knoblauch	All	Agho	Peperwortel
Horse Radish	Meer Rettig	Ranifort sauvage	Rafano	Hijsoop
Hyssop	Isop	Hyssope	Issopo	Boerkool
Kale	Blaetterkohl	Chou-vert	Cavolo verde	Koolrabi
Kohlrabi	Knolkohl	Chou-rave	Cavolo rapa	
Lavender	Lavendel	Lavend	Lavada	Prei
Leek	Porre Lauch	Poireau	Porro	Kropsia
Lettuce	Lattich Kopfsalat	Laitue	Lattuga	Marjolijn
Marjoram	Marjoram	Marijolaine	Maggiorana	Meleon
Melon	Melone	Melon	Popone	
Melon, Water	Wasser-Melone	Melon d'eau	Cocamera	Kampernoelle
Mushroom	Schwamm	Champignon	Fungo pratajole	Capucine-kers
Nasturtium	Kupuciner Kresse	Capucine	Nasturzio	
Okra	Ocher	Gombeud	Ibisco	Ci Uien
Onion	Zwiebel	Ognon	Cipollo	Peterselit
Parsley	Patersille	Persil	Prezzemolo	
Parsnip	Pastinake	Panals	Pastinaca	Pinksternadel
Peas	Erbsen	Pois	Pisello	Erwten
Pepper	Pfeffer	Piment	Peperone	Spaansch Ppre
Pumpkin	Melonen-Kuerbiss	Poitron	Zucca	Radisj
Radish	Radies	Rdis	Ravanello	Rabarber
Rhubarb	Rhabarber	Rhubarbe	Rabarbaro	Rosemarijn
Rosemary	Rosemarin	Romarin	Rosmarino	Wijnaut
Rue	Kaute	Rue		
Saffron	Safran	Safran	Rafferano	Salie
Sage	Saldel	Sauge	Salva	
Salsify	Haferwurzel	Salrifis	Barbarli becca	Zuring
Sorrel	Sauerampfer	Oscille	Aetosa	Boonenkr uid
Summer Savory	Bohenkraut	Sarriette annulle	Santoreggia	Spinazie
Spinach	Spinat	Epinarde	Spinnaccio	Pompeon
Squash	Kuerbis	Courge	Zucca	
Tansy	Gemeiner rainfarn	Tanaisie	Atansia	
Thyme	Thymian	Thym	Timo	Tijm
Tomato	Liebessapfel	Pomme d'Amour	Pomo d'oro	Tomaat
Turnip	Weisse-Reube	Nevet	Navone	Rapen
Wormwood	Wermuth	Absinthe	Assezio	Suikerij

## PLANTING CALENDAR

**FEBRUARY**—Sow in Hot Bed. Early Beans, Cabbage, Cauliflower and Celery, Carrot, Brocoli, Cucumber, Lettuce, Parsley, Radish, Tomato.

**MARCH**—Sow in Hot Bed. Early Beets, Beans, Cabbage and Carrots, Brocoli, Brussels Sprouts, Cauliflower, Celery, Cucumber, Egg Plant, Kohlrabi, Lettuce, Melon, Parsley, Peas, Pepper, Radish, Tomato. Plant in Open Ground. Beet, Early Cabbage, Carrot, Cress, Lettuce, Onion, Peas, Radish, Round Spinach, early Turnip, Potatoes, Onion sets, English Bean.

**APRIL**—Sow in Hot Bed. Sweet Corn, Cucumber, Egg Plant, Melon, Pepper, Squash, Tomato. Plant in Open Ground. Asparagus, Beets, Brocoli, Brussels Sprouts, Early Cabbage, Carrot, Cauliflower, Celery, Cress, Kale, Kohlrabi, Lettuce, Melon, Onion, Parsley, Parsnip, Peas, Radish, Round Spinach, Turnip, Sage, Potatoes, Top Onions.

**MAY**—Plant in Open Ground. Asparagus, Beans, Beets, Brocoli, Brussels Sprouts, Late Cabbage, Carrot, Cauliflower, Celery, Sweet Corn, Cress, Cucumber, Kale, Lettuce, Melon, Okra, Onion, Parsley, Parsnip, Peas, Potatoes, Radish, Rhubarb, Kohlrabi, Salsify, Round Spinach, Squash, Tomato, Early Turnip, Herbs.

**JUNE**—Plant in open Ground, Lima Beans, Beets, Brocoli, Brussels Sprouts, Cabbage, Carrot, Sweet Corn, Cress, Cucumber, Kale, Kohlrabi, Lettuce, Nasturtium, Okra, Peas, Potatoes, Parsnip, Radish, Salsify, Spinach, Squash, Ruta Baga, Melon, Herbs.

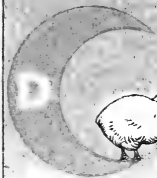
**JULY**—Plant in Open Ground, Beans, Beets, Cauliflower, Carrot, Celery, Sweet Corn, Cress, Cucumber, Late Cabbage, Kale, Kohlrabi, Nasturtium, Okra, Peas, Parsnip, Winter Radish, Spinach, Ruta Baga.

**AUGUST**—Plant in Open Ground, Bush Beans, Late Celery, Late Cabbage, Cucumber, Lettuce, Peas, Radish, Spinach, Turnip.

**SEPTEMBER**—Plant in Open Ground, Cabbage, Cauliflower and Lettuce for wintering in cold frames. Asparagus, Celery, Kale, Mustard, Winter Radish, Spinach, Turnip.

# *CRESCENT CHICK FEED*

*Best Quality*



THE GRAY LITH. CO., N.Y.

*For Sale by*



WHEN  
ANDREW JACKSON  
WAS PRESIDENT



The Products of  
MUZZY BROTHERS  
(Founded 1835)  
WERE FAMOUS



**S**INCE our establishment in 1835, our products have gained a wide reputation. We have upheld the motto of "Quality" in all our goods and anything upon the market bearing our label is guaranteed to be of the best. From time to time we have added to our line such articles as the public demanded, and today our stock is up-to-date in every respect.

Within the past few years, owing to the increased prices of Linseed Oil and Turpentine, the public has sought a less expensive material for painting and decorating, and we have responded by placing upon the market several good substitutes, of which we shall make brief mention:

#### LUMINA COLD WATER WALL FINISH

A Sanitary Cold Water Wall Finish that produces decorative results equal to the most expensive oil paints and enamels, at a fraction of the cost. LUMINA is the ideal material for the interior decorating of residences, hotels, public schools, etc., and the results it produces are a revelation to the artistic eye.

LUMINA is manufactured in dry powder form in a number of attractive shades and is ready for immediate use when mixed with Cold Water.

## AQUARINE

### WEATHERPROOF EXTERIOR PAINT

A reliable substitute for oil paint at a fraction of the cost. AQUARINE is manufactured in dry powder form and is ready for immediate use when mixed with ordinary Cold Water. It is made in white and numerous practical colors, and is packed in 400 lb. and 280 lb barrels, 100 lb. kegs and 25 lb. boxes. AQUARINE can be applied on any solid surface, such as brick, wood, or stone. It has twice the covering power of oil paint and will dry within two hours after application, remaining permanent and weatherproof. It is absolutely fire-proof, and in many instances fire insurance is taken at a far less premium if the building is painted with this material. AQUARINE will reduce your painting bills 75%.

### INTERIOR AQUARINE

Interior AQUARINE is made in White only, and is unequalled for the interior painting of factories, warehouses, etc.

We will gladly furnish you with color cards and samples of the above materials upon request.

**MUZZY BROTHERS**

136 Main Street,

PATERSON, NEW JERSEY

